(By Dr. William J. Scholes.)

shall call the doctor." It would be

much better to call him today-the

disease, recover. The death rate in-

treatment may be promptly institu-

Rengazing Diphtheria.

nized by the general symptoms, the formation of a false membrane in the throat, and the examination of

throat cultures. In some cases no

membrane can be seen, but there is.

The are though of diphtheria may casily be confused with less serious see the act. Diphtheria is recog-

first day of that sore throat.

GRAYLING, MICHIGAN, NOVEMBER 5, 1931

MAURICE BRESLAB- OF ST Paul Minns HAS HAD 22 FRACTURED

NUMBER 45

YOLUME FIFTY THREE

The Children's Fund of Michigan health teaching and practices among College. shildren from the surel areas of the state announces the opening of a Health Contest for Rural Schools.

The contest will run from November 16th, 1931 to April 1, 1932 with twenty-two prizes, varying in size from \$25 to \$150 for the winning

schools, arranged as follows: To consolidated schools in areas three prizes:

First prize-\$150 Second prize -\$100. Third price \$
Total \$325.

To other rural schools nineteer Eight first prizes of \$50 each, \$400

Eleven second prizes each \$275. Total \$675. Grand total \$1,000. 1. Contest be limited to counties

Fund of Michigan and approved at the home office by November 15th,

_4. Progress made during the school year to be finally judged by home of-fice, or a special committee, on April 15th, 1932.

. Prizes awarded to be expended for playground equipment.

6. The program selected by teachers may be based upon needs of their school as shown the by 'School Health Record' chart or the survey recently completed. 7. Rural schools of one, two, and

four rooms and consolidated schools are to be considered as a unit. Each rural school whather consolidated or composed of one or more rooms is to be considered as a unit

with the award based on progress in all the rooms in Eny school competing.

The necessary steps to be taken by teachers in the rural schools to

enter contest are as follows:

1. A letter from the county super-intendent of schools to the Children's Fund of Michigan giving his approvof the entry.

2. Submission of a health program

plish ne for judging contest prize money for playground equip-

The basis of award will be the away was quiet and peaceful.

The basis of award will be the away was quiet and peaceful.

The basis of award will be the away was quiet and peaceful.

The basis of award will be the away was quiet and peaceful.

Mrs. Brockman was a loving wife open to fishing at any time of the peaceful.

The basis of award will be the away was quiet and peaceful.

Mrs. Brockman was a loving wife year, and there is no minimum size school as shown by definite improved by all who knew her. Besides ment and in individual health habits.

Arthur of Vanderbilt, Mich., and seven was a seven will be will be allowed abilities.

CAR LICENSE NUMBERS WILL -identify_communities.....

Definite allocations of 1932 autohered there are being made by the the order for several years.

Dearly and of State. Because of Mr. Brockman and family have the this each section and community of sincere sympathy of their many the State will be identified by the Grayling friends. on the plates.

f of courte will be numbers from 1-020-751 to 1-030-450. Those from You're going to need Christman

tle the cost.

EAT MORE POTATOES TO BOOST MICHIGAN

One inexpensive way in which ousewives can boost Michigan products is by the use of potatoes which may be utilized in everything from soun to candies, according to

Miss Roberta Hershey, Michigan State College extension nutrition specialist, offers a few different specialist, offers a few different Mader, Jackson, was matron of honor ways of preparing potatoes—souffie, a la Goldenrod, soup, muffins, started the service with a prayer and bleased the wedding ring with a rosee. flour, 1/2 t, salt, and 4 t, baking the two mixtures and then add two well beaten eggs. Add 2 t. melted shartening. Place in greased muffin tins and bake in a moderate oven 175 degrees F. about 30 minutes.

ABOUT

Fund of Michigan.

2. Rural schools be defined as those shows a green skin will taste bit take, the time in which they may serving communities of 2,500 or less ter when cooked, for it has grown pursue their favorite sport has been a. rrogram of school health activity competing to be submitted to local representative of the Children's local representative local representative of the Children's local representative local representative of the Children's local representative loc sunburned. The wisest course for the While during 1930 winter spearing homeniaker is to choose medium-sized for certain species was permitted on notatoes that feel firm when pressed inland lakes "during the these in the hand. Drp. mealy potatoes lakes were frozen over," during the cre best for mashing and baking, coming winter, spearing will be permet the more wary varieties are

> Hershey urges. Brush the skins with fat before placing in oven and est the skins. A large proportion of the minerals is found directly under the peeling. When done, crack the skin to let out the steam. Cook partial in their lackets often; as unlawful to spear in crout streams and quasi-trout streams at any time.
>
> During the winter of 1930, only pickerel, mullet, suckers and red-horse could be speared in the inland takes. During the coming winter skin to let out the steam cover as horse could be speared in their jackets often; as lakes. During the coming winter the use of spears will be permitted from paring before cooking. Start during January and February in the water potatoes to cook in boiling water and keep the water boiling. Never dice them before cooking. Use the cooking water which contains valuable mineral salts, in soups, sauces, or gravies.

MRS. JOHN BROCKMAN PASSED PIRE. AWAY IN FLORIDA

Word was received that Mrs. John Brockman passed away at 12:30 clock Sunday, Oct. 25th at the home f her daughter Mrs. Letah Franzen n Burbank, Florida.

Just a year ago Mr. and Mrs. Brockman sold their home here and moved to Florida to spend their re-

eral grand children remain to mourn

Her remains were laid to rest in the beautiful cemetery at Ocsols. Mr. and Mrs. Brockman were mem nite allocations of 1932 auto-niates in consecutively-num- and Mr. Brockman was secretary of

The plates to be issued in Craw- CHRISTMAS GREETING CARDS

Rescommon county, will be from cards. Why wait until the rush. We 1110-051 to 1-113-550. Otsego countain some beautiful new lines of the country will be from 1-025-151 to samples; handsome ones at little cost

GENERAL GUY M.

are en route to Washington and a tour of the Eastern states following their marriage in the parish bouse One ideal serving of food supplies their marriage in the parish house food elements in the porportions of one unit each of calories, protein calcium, phosphorus, and tron, while potatoes supply these in the follow-church and a World War chaplain Patrick R. Dunigan, pastor of the potatoes supply these in the land of the protein, who saw service with Gen. Wilson in 1.1; calcium. 0.7; phosphorus, 1.6; France, officiated at the brief wed who saw service with Gen. Wilson in

ding ceremony.

Col. Thomas Colladay, of Flint, Mader, Jackson, was matron of bono

c. flour, ½ t. salt, and 4 t. baking Mrs. Wilson is the daughter of powder are sifted together. To 1 c. Rotert Exier, Jackson, and was a nurse in the war. After their Eastand stir until well mixed. Combine the two mixtures and two mixtures and two mixtures and two mixtures. Gen. Wilson's home at 210 Seventh

ABOUT WINTER SPEARING

1. Contest be limited to countries 375 degrees r. about so minutes.

having a health program sponsored Housewives are warned that a good have been given more waters in fund of Michigan.

Fund of Michigan.

Those its outside appearance. One which its outside appearance one which the fish and added species to which the simple there is which they may shortened.

and the more waxy varieties are mitted only during the months of most suitable for salad and creaming January and February. However, spearing will hold their shape.

Bake possibles frequently, Miss land waters, except that it will be unlawful to spear in trout atreams fat before placing in over and eat

inland waters for carp, sheepshead, suckers, muliet, redhorse, lake trout, smelt, pike (great northern, grass pike and pickerel) muskoftunge, whitefish ciscoes plotfish or men-ominee whitefish, dogitah and gar-

Spearing is not permitted with the use of a jack or artificial light at any time. Fishing with the use of hook and

line or ice lines only is permitted during the winter for all species during the respective open seasons. Black bass may be taken to Decem-ber 31, and pike, bluegills, sunfish warmouth bass and perch may be taken to March 31. Rock bass, calico Although Mrs. Brockman had been alling for some time she was never known to compilain. Her passing may now be taken in

mullet, dogfish and garpike will be limited in the upper peninsula from March 1 to May 15 and in the lower peninsula from March 1 to April 30. Winter fishermen who enjoy their sport with ice lines may now "not to exceed five single which may be attached to not more than five single lines." Formerly ice fishermen were restricted to not to exceed five lines with a single hook attached, but now may use five

NOTICE

1-026-450.
In announcing these assignments, higher prices. No other family in all experiments of street lamps, shades and sockets have been deliberately broken by youngsters throwing stones or using cli expressed disastisfaction with the for we do not sell duplicates. Phone large hard-to-read seven figure plates. No. 111 for samples or call and see large hard-to-read seven figure plates. No. 111 for samples or call and see large number of street lamps, shades and sockets have been deliberately broken by youngsters throwing stones or using slingshots. Monday morning it was large hard-to-read seven figure plates. No. 111 for samples or call and see lamps, theely of which were broken by stones. We are in receipt of the names of several of these hards. The last week a large number of unless this unnessary destruction of property is discontinued immediately prosecution will follow.

Don Raynolds, Local Manager, Michigan Public Service Company

DEER LICENSES ON SALE

on sale this week with more than outweigh the inlance sheet of missing Ou. aim is to keep our milk as milk for children, will say that clean as possible, so it won't need to we milk as the best food, as Nature agents in both peninsulas prepared

Beautify Flat.

Beautify Flat.

Description and contents of these who want raw and the intention of the peninsulas prepared.

Beautify Flat.

cleaning, wipe it off with a damp a dark horse for someone clase are nilk.

cloth or trim it.

not true. He states McKelghan is We have added several new cus-

rificed if the plan were adopted, but the milk is taken care of at Oak they become convinced that the bone. Grave Dairy, especially our customand study up a little on the milk law.

Anyone who knows anything about Michigan's 1931 deer licenses went fits reached in humanitarianism would ers.

on saie this week with more than outweigh the oniance sheet of missing 1,000 Conservation Department agents in both peninsulas prepared to distribute them.

The buttons of the resident licenses are tinged yellow.

We have scarted numerous civic undone in years of prosperous times are tinged green and those of the non-resident licenses are tinged yellow.

Out aim is to keep our milk as milk for children, will say that clean, clean as possible, so it won't need to the wind with an extension for those who want raw milk is the best food, as Nature lean as a food.

The cement stable and the cows as a food.

The cement stable and the cows as a food.

Raw milk can be kept clean just and the composition of the comp

has been transformed from an eye can be.

CHILD WEIFARE MEETING
NOVEMBER 9

The Governor's Conference on Child
Heatth and Protection which will
convene in the State Capitol Building in Lansing on November 9 at
the call of Governor Brucker will
bring together in a three day seasion specialists and laymen interested
in overy phase of child health and
welfare.

Taxes Reduced.

T

welfare.

Soaking any kind of fresh meat its meat its water before cooking is a mistake.

It draws out the julces which give peaders of this paper that the characteristic flavor and add to rumors that McKeighan is in the The milk is taken care of in a have the milk as near grade A as the given when it of the the meat needs race only to fall out later on or to be cement room, used for nothing but have the milk as near grade A as the given when it of the the meat needs race only to fall out later on or to be cement room, used for nothing but have the milk as near grade A as it is possible for us to do.

not always in proportion to the seri not always in proportion to the seri-cusness of the disease. On the first day of the disease, diphtheria patients usually do not appear to be in any more danger than those who have tonsilitis. What appears

there are fewer than that working cooperation of our industries been pulle MILKAT OAK able to assure employment to approximately 400cc heads of families through this winter, ... Majority To Get Some Work-The plan means that a few will

To The Avalanche:

proacher, they were very frank to say we that perhaps the people would that factory efficiency must be sac-like to know something as to how

(By William H. McKeighan, Mayor commonly called, has always proven and adults are often affected. bimself a friend to the working

The only way to releve unemploy- people.

The only way to releve unemploy- people.

ment is to give a man a job. There McKeighan's slogan through this are normally about outen persons emerical management in Flint furtures. Although hock to the People."

work full time, but the majority will get to work a little each week, at We have read with interest th least enough to live on and get by without charity from the city. _ news from the Creamery, and all when industrial deaders were ap- about how the milk is cared for, so

a sore throat and the germs of diphtheria are present. One form of all the way through and is not affiliated with any other analyses. all the way through and is not afclinted with any other candidate for Governor. He also states that More Keighan will do as much for the State Regard to comboyment and other things that the says of two and twelve is the will be a help to thousands of people. McKeighan has a big start in his tace for Governor. "Bill" as he is composite called, has a livary sorryen and adults are often affected.

ODD THINGS AND NEW-By Lame Bode THE ROAD TO

incitatus-

BURTON BLAIR

MADE A TABLE

Savorite horse of the Roman Emperor Caligula -

WAS MADE A MEMBER OF

AND AFTERWARDS RAISED TO THE CONSULSHIP!

who have tonsilitis. What appears to be a trivial sore throat in the beginning may prove to be a dangerus case of diphtheria if neglected. The nature of every sore throat should be determined without delay particularly in the case of children! (Copyright, 1931, by The Bonnet Brown Corporation, Chicago.)

WOMAN'S CLUB NOTES

The first regular meeting of the forman's club was held Monday Woman's club was held oning November 2nd, at the home Mrs. T. P. Peterson, After roll coll and payment of dues, the President. Mrs. L. D. Herbison, gave a where address and welcomed the new members. The music committee then presented the tallowing the gram, which was very enjoyable; ""Ave Marin," "Sonny Boy"—Miss Claire Jacques.

"Eylvia"-Miss Vella Hermann. "The World is waiting for the Sun-rise"—Miss McAllister, Miss Hermonn and Mrs. Milnes.

Roses of Picardy Where My Caravan Has Rested"-Mrs. R. O.

"Narcissus," "Songs My Mother Taught Me," "My Heart at Thy Sweet Voice"- Miss Louise McAllis-A lovely lunch was served by the

social committee. An electric waffle iron should never be greased. If the waffle dicks, try adding one or two extra tablespoons of melted shortening to

the batter. tomers this summer, but we like the old ones also. Some have been with us nearly ten years. We never deliver milk that is

more than eighteen hours old, so our customers know they always get fresh milk, and not two or three days A lot of people do not like pasteur

ized milk and will not use it as long as they know they can get clean And when anyone thinks

NO RIGHT TO HUNT IN BIGH.

The Horton Trespass law applies to a roadway just as much as it does to adjoining lands and hunting on the roadway constitutes trespas.

he adjoining property owner. This is the answer being given "If it isn't better tomorrow, we the Department of Concernumerous inquiries relative to huntg on highway rights-of-way.

A year ago the Department retomorrow, there may be no question about the sore throat being diphthe-rite. A day will have been lost. And, the loss of each day is serious 1.2 attorney general relative to this question. The opinion said that "no 1.300 has a right to shoot from the highway any more than he would And, the loss of each way in a case of diphtheria.

From 12,000 to 15,000 people die instally mathe United States from Statistics show that alhave a right to go on the land, as the only rights the public have is diphtheria. Statistics show that alan easement to pass over."

If the land adjoining the roadway treated with adequate amounts of antitoxin on the first day of the fromes under the Horton Law, that, is where land is necupied as a farm or a portion of it has been set aside creases with each day's delay in the as a game preserve," it is an offense nevessity of an early recognition of this disease, in order that effective against the hunter would be for trespass, the opinion said. Shooting from the highway gives the hunter more right than going on the

APPLEBLOSSOM CLUB AT FRED ERIC

program will be given at the Fred-ric High School, November 13th. The tentative program is as follows:

Orchestra—Waltz. Directed by K.

Accordion selo-Selections. Readings. Clarinet Quartet-Scientions

H. Gutter solo-Hawatian melodies.

Dialogue—Humar sketches.

Sax-Banjo duet.—Popular medley.
Orchestra—March. Talk-"Rural Problems," Dr. M. L.

mith, Head of Rural Education Dept. Central State Teachers College. When making gravy to serve with

more of currant jelly and add just before serving time.

Rialto Theatre (GRAYLING)-

PROGRAM-

Saturday, Nov. 7th (only) George O'Brien

"RIDERS OF PURPLE SAGE" Chapter No. 9 VANISHING LEGION" feat-uring Harry Carey and Frankie Darro.

Sunday and Monday, Nov. 8-9 BIG DOUBLE FEATURE PROGRAM

Roland Young and Zasu Pitts "THE GUARDSMAN" Stan Laurel & Oliver Hardy in a feature length comedy

"BEAL" HUNKS" Tuesday and Wednesday, Nov. 10-11 Tibbetts-Metropoli

tan Opera Star .-"THE CUBAN LOVE SONG" Comedy

Thursday and Friday, Nov. Jack Holt and Sally Blane

"DANGEROUS AFFAIRS" Beasts of Wilderness"

Pork Chops



The choicest cuts from first class loins. Tasty either broiled 'or dipped in cracker crumbs and

BURROWS MARKET

Phone 2

House Insulation

It keeps out the cold and holds in the warmth-great fuel saver and home comfort

Call us and let us explain the advanta-

Storm Sash for all kinds of windows. Also combination Storm Doors.

ges house insulation provides, and how lit-

Lumber, Cement, Lime, Sand, Building Bo Lath, Shingles, Tar, Windows, Doors, Frames, etc., etc., etc.

GRAYLING BOX CO.

CRAWFORD AVALANCEE O. P. Belmmann, Owner and Pub

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SUBSCRIPTION RATES One Year \$2.00 Six Months 1.00 Outside of Crawford County and

THURSDAY, NOVEMBER 5, 1931

for the winter. Practice prepared at sar, and the disselved g datin. Best ness. Have the cooling system pro- the egg volks, add, cook until ness. Have the cooling system pro-ferted against freezing. But also by thee looks like custured, take from the fire and fold in the stiffly heat-poor and, and steering gear against or egg whites, not add the vanillapri teet transmission, universal joints, rote axle, and steering gear against the damage that may result if lubricants turned almost solid by the cold fail to reach the highly polished surfaces that turn, cold or slide one against the other. This is the adknown service manager. He adds the recommendation that the owner always take his car to the authorized service station of the manufacturer the mechanics are guided by information based on the maker's

makes useff known by steaming of Miss Affect Pervis spent Saturday the radiator soon-after the engine in hose City visiting her brother Leo have some idea of the amount of Earl Nelson has required damage that occurs to eviludar had Because a frozen cooling system Hanson. damage that occurs to cylinder tack. Milweuker, Wisa and exp. is to re water freezes in the cooling system water treezes in the coning system in a tear owners need little encouragnment to bring them to a filling station or garage for alcohol or other anti-freeze solution when the weather turns cold.

wise motorist, however, takes or to the service station for t bis car to the service station for it complete checking up. The cooling system is drained completely and are Mrs. Rev. Barber, Thursday. thurnighly flushed out. All hose was sections are checked up and that are badly oil soaked or crack ed or leaking are replaced. If the car has been in service for m months a chemical treatment recommended to loosen up any scale lady 25c. or sediment that may have accumlowed by such thorough flushing awill get rid of the leasened material.

It is possible for the owner to eleen and flush a cooling system, but ich to do it properly. First, it is important that the chemical cleansing material be so bandled that main-

gosened accumulations of levelien material the job of clearing the sys-The uppe and lower radiator hose connections Funcial arrangements have not been must be removed in reader that "the coache" sediment may be flushed out com-pletely from both radiator and cylinder jackets. In the service station, der jackets. In the service station fridges, has just returned from fresh water or water with compressed Ashville, N. C., where she has been air is forced into the bottom of the 12 the study of music for the next radiator through the lower confection 6 years at the Harmony Hall, Ashvand the water and sediment are cars eith, N. C. She will remain here in direction of normal circulation any Mrs. Underwood is particles of rubber from bose lining Grayling schools is hachly accomplishibat may have ledged lift the upper ends of the water passages are of friends who will welcome her ends of the water passages are of fe washed out. The cylinder jacket is flushed from the top downward. The chemical nature of most cleaners is such that care must be taken not chemical mass.

Fuch that care must be taken not spill any of the solution on paint or lacquer or on electrical connections. If the solution is allowed to now offers "Backet" service to their in a cooling system for 5 customers, at 40c per backet. Bring own backet or bag to the the radiator filler cap gasket must Mashier Service station on U. S. 26 be tight, to prevent any leakage of Ton lots of \$7.50, deliver decomposited onto hood or Body. After Ford Coke, per ton, \$10.50, dedicatining, the cooling system should livered.

Adv. be flushed several times, so as to remove all of the acid, which is in-LEGION MEN AFTEND DISTRICT jurious if allowed to remain.

Chassis Lubrication.

Lubricants for transmission, uninearing surfaces. In cold weather the American Legion held at Mid-many lubricants become as solid as land Monday night and report a laundry soap or, to use the homely fine time. A banquet, a program of expression, "as stiff as molasses in January." When gears out channels nor Brugker who was the main throw the lubricant onto the surfaces of the housing and it sticks there and no longer reaches the surfaces that

still filled with summer lubricant may could enjoy this fine aport in congive the driver some idea of the re-nection with the meeting. sistance which oil frozen almost solid

lighter lubricant in winter than

The factory service department every motor car manufacturer experiments with various lubricants different types of radiator cleaning and anti-freeze preparations and keeps all authorized service stations informed regarding the results such experiments and tests in order that the car owner may be protected from making any mistakes that from making any mistukes that would interfere with the proper and economical operation of his car or

If you are using figured curtain in a room, choose a material with a inekground the same color as the walls but slightly darker. The principal color in the design of the curtain material should repeat the rolog of the regeneratebulaters. Use give a plain effect,

Spanish cream is a deletious des-sert made from utilik, eggs, and gela-ine. The preportion is one envel-age, or two ounces, of gelatin to one quart of milk and from 2 to 5 ggs, according to the desired rich-THINNER LUBRICANTS: CLEAN
AND CHECK COOLING
SYSTEM

SYSTEM

AND CHECK COOLING
SYSTEM

SYSTEM Don't wait until after the first id milk for two minutes. Heat the frests to have your car gotton tendy comminder of the milk, aid sail and

local Happenings

Mrs. C. C. Wescett of Ypsilanti is he gaest of her mother Mrs. J. K. the guest of her mother

Regular in oring of Grayling Chap-ter O. E. S. will be held Wednesday evening, Nov. 11th. More help is needed at the slide

Take your axe, spade or garden rake and pive the fellows a lift. Mr. and Mrs. Frank Systems Saginaw visited at the Loone of Mr.

Miss Elian Gothro is spending few days in Bay Cay at the home of Mr. and Mrs. Clarence Brown. Another big dance at the Hayloft

Saturday night. Don't forget new price - 50 per couple, c th worms Home Missionary society will meat at the home of Mrs. Chro Wesli on Wednesday af-

Section 18, No. 1449. by its possible for the owner to an and flush a cooling system, but a set best a rather masty, dirty it to do it properly. First, it is ed Mrs. Paul Pauls of Harrison. real he system or the finish of spont Wednesday in Harrison at Budd lake, guests of Mr. and Mrs.

When the chemical cleaner has E. F Collins at their summer home Mrs. James W. Sorenson passed way st. but home this morning are कामः अक्षिक्षेत्रः क्षांकामः व विभागवन्त्रान् विकास

Mrs. June Broges Underwood, daughter of Mr and Mrs. Frank Bridges, has just returned from and the water and seminar are consistent of the radio control of the rad

COAL CO. RENDERS NEW SER-

the radiator filler cap gasket must Mashier Service station on U. S. 27. Ton lots of \$7.50, deliver 4.
Ford Coke, per ton. \$10.50, de-

Post Commander Affred Hanson versal joints, rear axles and steering Clarence Johnson, Harry Hemming, gears must be sufficiently fluid at son. Otto Failing and Wilfred Laur. ceating temperature to reach the ant attended a district meeting of aring surfaces. In cold weather the American Legion held at Mid-January." When gears cut channels nor Brucker who was the main in stiff lubricant or revolving parts speaker, and a doncing party, made the convention a very pleasant affair. Clarence Johnson speaking for Grayling extended an invitation to require oil films for protection more length to hold their next district; wear will take place in a few minutes meeting in Grayling, which will be running unlubricated than in months some time the latter part of Febru-or years of normal service. are or the first of March. He Difficulty in skifting gears, par-warmed the invitation by telling tiroularly into low and reverse, on a them that the Winter Sports attivimorning if the transmission is ties would be in full swing and they

He told of the new site and the to the movement of gears in work Grayling was doing, and as both transmission and axle. Now there were over 200 men and women that many makes of motor vehicles present at the meeting. Grayling's are equipped with transmissions have Winter Sports were widely advertise

are equipped with transmissions neviling the second and third speed gears ed.

Constantly in mesh the proper lubrish. The invitation was accepted with dation of the transmission is all them lot of enthusiasm so Grayling American Legion will be busy now more important.

American Legion will be busy now intenting for this big affair. Last Most modern steering gears replanning for this big affair. Last guire a lobricant soft or fluid enough successful district meeting with about street to prevent wear's must have 100 present.

"Sea Serpents" reported as seen it practically every one of the Great akes adjoining Michigan every year. are probably only large fresh water sturgeon in the opinion of the Fish Division of the Conservation Depart-

There are large sturgeon in all of the Great Lakes, the unexpected sighof which would probably be enough frighten anyone, the Division said. The larger of the lake sturgeon weigh 200 monds or more and are from six to eight feet long. They

For two years now the sturgeon has been completely protected In the earlier days of dichigan's commercial using industry, great quantities of sturgeon were taken in the note, Recause of destruction to market there fish were destroyed by the tons. At that time the terest of commercial fishermen centered in

the catch of whitefish which were the catch of whitensh which were plentiful and all other species were considered of little value. The flesh and caviar of a one hunded pound cornean would now ret about \$100. today in Michigan lives in one of the trout rearing ponts at the Parks Sinte fish hatchery. This specimental policy is feel low, weight about 120 to 150 pounds. It is etten ting randed of people to the people overy afters are car. The fish was taken a year again the new chile rainbew treat and pike-people islation.

show retained in the phone for a new paper to meet the energency.

The start on the start of the the rear will not ear, technarity; the rear will not ear. Calculately and Howard fluridities president of a control of the Sayy league, a coltan organization, and the Sayy league, a coltan organization, and to story early the Sayy league, a coltan organization, and to story early the story early than organization, and to story early the story early the story early early the story early early the story early early the story early earl

Smith, daughter of Mr. and Mrs. A. C. Smith, 1510 Tuscola street, and Frank W. Dorr, son of Mr. and Mrs. logast J. Dorr, Washington road, look place yesterday morning her place yester-by morning beplace yester-by morning beplace frombs and eslatives who be he neutral to Washington reported
tathered in St. Marry's church, t. Per ident Hower what he barned
for Edward J. O'Hara performs by its Philippines, and joine distely 12 200 terrals and columnics with Rev. Fr. Edward J. O'Hara perform

१ एका अस्तर्गककात्र्य च्यानार्थात्रकात्राप्यस्तरात्रात्रा सक्रम्बरीहर्षः स्थान vas held in place with riderations and gange blossoms. She carried a lower bound of Ophelia roses and

thy thrysonthomapis.
Miss Mildred Smith attended her zter as hydrosmaid, and Miss Mark not Kouts was all an attendant. hely Kents and that it forms. asted the bridegroom.
A breaktast for on gausts

good as the home of the bride's arents. The home was attractive cirents. ith pink and white इस्ता एक्टब्रह्म प्राप्त क्रिकेट स्वापेट a concared with a weether cake topped with a miniature bride and

Out-of-town guests at the wedding chilled Mrs. Stanley Hitchings and Eddern, Doretty and Marshall, John and Mes linhy Dison of Do- from Ligar- and warships were troit: Mrs. James Olson and rs, Ruth and Jane, of Grand Blanc: Bernard Mable, Mr. and Mrs. Frank Smath and or Casper, of Flint; Mrs. Richolas, S. Elaz, of Grayling, and

tr Physi Smith and daughtors lizabeth and dernice, of Bay City, Affairs that honored the brides

otherwords shower in the form of a superise party at the bride's home; to personal shower by Miss Wilman Long t, The Cheren words. o Dorr. Washington road; a mis-ollaneous shower in the form of a a personal ghower by Miss Wilman From the Lord L. 1708 Cherry street a miss funds as shower by Miss Eleanor ill. 250 North Feurteenth street; a dealer of the street of the street by Miss James Ison, Grand Bune; a misselfaneous chower by Miss James Ison, Grand Bune; a misselfaneous chower by Miss James Ison Grand Bune; a misselfaneous fundamental street of the property of the prop

MICHELSON MENORAL H. J. Salmon, Paster

Thurch School--10:00 A. M. Morning worship - 11:00 A. M. Senior Longue - 8:00 P. M. Senior Longues 8:00 P. M. Evening service-7:60 P. M.

POTPOURRE

Guides the Shark

The pilot here is we called be cause of its basel of me ourgany ing ships and sturbs. It swips closely in front of the slape and some believe it galdes the shark to its food, A more physide explanation is that instance as the shark does not better the type of fish, the pilot st. as close to the shark to secure protection from its enemies
(© 1941 Western " waspers that an a

STURGEON TAKENFOR News Review of Current SEA SERPENTS Events the World O Events the World Over

Echoes of the Hoover-Laval Conference-Tremendous Victory of British Conservatives-Japan Doesn't Weaken in Manchurian Affair.

By EDWARD W. PICKARD

Vlad vostok, and also west of Man-

The Kanking government has hopes

chulling border may not as a check on Jupan, but realizes that Chius would be worse off it Russia should

strengthen its grip along the Chinese

Eastern railway at Chinese expense. Japanese dispatches from Harbin said

the Russians had sent arms and unmoutton to the Amur army of Chinese and Mongols that is supposed to be number at establishing Amur as an

chall on another front,

independent state.

guard and a popular figure in the country, became premier. Now

the has been connelled.

_biinolf_ns_t_glvillap at the head of the

in the gleriton, Some....

in the king's action a subtle move to deprive Zivcovitch of his great

SUBSCRIPTIONS to the half hillion

of deliar private pool formed accord-

her factor President s proposes on which conding in so plentifieths from all parts of the country that it man-ages infromed the President it was about to put the credit-extension plant in appropriate by horizontal parts and the proposition by heritage horizontal proposition.

their good but heren assets into east

. Moreful of bigorant results from the plan, the administration has deepped

for the time being it's contemplated

smould be made white the rutteral

still are considering the inters at

commerce commission's preposal that they pool revenue from specific cale

Attentions was somewheat to

• eleven years in prison and fined \$50,000 by Federal Judge Witkerson

in Chicago for income tax fraud, b. (e) remain in the county full there and?

the United States Court of App 138

passes on his case. He hoped to be released on ball, her has the age its court refused, then he it decreed that

he should not be sent to Leavenworth

Immediately, as Judge Wilkerson pro

Philip D'Andrea, Capone's body-guard during the trial, was sentenced to six amounts in but by during William

on the electric of contempt of

He was found to be -

a revolver, into the courtroom, and

the judge considered him a part of the hoodlam organization that tried to intladdute the government's wit

PROMEN INT men who pussed away during the week included Ronald

W. Rayden, American monder of the world court at The Hagne; John M. Rawman, president of a great hotel

corporation, and Charles A, Coudskey owner of the Unleage American league

PRESIDENT GUGGIARI of Para-guay was forced out of office by outbreaks of all opponents, led by

students, and the presidency was too on over by Vice President Navero.

(6 103) Western Newspaper Colon 5

White Sox Manager

Lewis Albert Forseca will manage

the White Sox hoseball team of Chl-cago for the next two years, succeed-

ing Donie Hush. Only thirty-two years old, he is the youngest pilot in major leagues. Lew plans to keep his place

Subscribe for the Avalanche.

at left field.

paseball club.

lief of officials that no such

thereases to aid weaker roads.

political abservers see

Zivcovitch

DEMOCRATIC financial experts in the senate are proposing the creation of a \$2,000,000,000 pool by the government for immediate reds. counting of frozen. peal estate securities

in the bands of banks. The plan was put for-Bulkiey of Ohio, who
Solling it a recording
of the Hucare during
gency conomic program, the urged that
it should be carried
out through an established government

Sen. Bulkley sen, Bulkley agency rather than a new one, and suggested the federal hand banks. His libra is that the goverument should floor bonds to raise the huge sum, believing that such an The largest sturm on in captivity issue would do a by in drawing car repey out of boarding.

Parisis Section of honology.

Parisis Section Glass of Virginia, who is section, about the theorems of anticogy matters, give the Building that the approval, both the sent of breezy aros are on the banance subcommitteer are the now engaged in a filling new logs with the control of the processing station. There was declared their one lainer warrant and pike-parch somition. They have declared their one lainer transferred over the New equisition to any targetime the reserve system in the effort to got if a nearly road. These to got if organization to rediscount They have declared their

ped conform to the king's of bidding that he place

CROWN.

CALIFE MAY SMITH WEBS FRANK

CLIFE MAY SMITH WEBS FRANK

CLIFE MAY SMITH WEBS FRANK

CHART TREFFORE 200 GUESTS

The marriage of Miss Alice May

Smith, daughter of Mr. and Mrs. A.

Smith, daughter of Mr. and Mrs. A.

Court Threeds street, and the conclusion of the isquiry he would expect a public apology from Cordiner.

Therenfror Mr. Howeve appropriet that Frince, times and trimmed with islands at this time, without assurances of economic stability, worth that a large group in congress, per tages at majority in gurb house. I rendy to veto for independence, so he is getting ready to offer a new policy for the islands—that be below will head off such fegislation. This policy provides for An etican co-operation in giving the Philippines communic and governmental stability, the methods to be preserved in the President's med some at the opening of congress in Indee, then the visites to fester the esnote and to produce the development of foreign margets for the products of the islands.

Excitantes resultes in Cyprus con Tarriy becogn to the ishud by plus

innest was reported in he spreading to Malta. The Cyclintes want their shand numed over to threece and the Malti-e ap-parently seek union The gov -लाका किं⊤्रह्युक्त **\$**।ट Round Storre, whose official peridence in Nikosia was buened

their troops in Manchuria to the Intiway zone before November 16, the council will reassemble; they commanded the Chinese government to repair at more a river bridge which was domaged by hombs from their near planes; not now they have sent, through refrigin Minister Samman, a "friefally warning" to the Saviet Russian government urging that Russian trush domenstrations on the Machallan Sherian beater by discontinchurina Siberian border be discontinned, Baron Shidebara told Moscow he was deeply concerned over these Hary movements and that they were Starting next Wede sday a devo- and the unrest in Malta, The colonial

onal meeting will be held each week office to London has known for some of the Bible will be taken up at these big in those islands through the Brite meetings. Everyone is welcome, the branch of the League Against line perialism, and It was discovered the other day that the Communists had that the blow up the tramerise nexal. and private stores of off in Cyprus. It was also learned that Maltese organize scattered throughout the Mediterran-

> ONE must admire the nerve and stendy persistency of Japan even if her rights and motives are ques-tionable. As the Mancharian affair stands now, the dappress are findy to fight China if that is necessary to enforce their denounds, though they profess only penceful intentions; they have defied the Lengue of Nations, re-fusing to them to the order of the league council that they withdraw

MAKING **APOLOGIES**

By THOMAS ARKLE CLARK Former Dean of Men, University of Illinois.

I suppose at one time or unother in his life each one of us innocently or



der the stress of emotion does some thing rude or annoying or painful to his friends. Floyd kicked me on my corn as we were starting to that was an accident for which he begged my pardon at once. Core's statement

irritated me beyond control a few months ago, and I blurted out just what I thought. It was the truth which I uttered, but rather rude, cruel truth which wounded her pride and brought her to tears. I knew at once that I had done a discourteous thing, and I was truly sorry and said so aimost as soon as my tongue had slipped to wound her. She has never gotten

When the league council meets Jap-an will lay before it, as part of its co-c. a list of treatles which it con--Sheehan became-very angry with me last summer about a thing tends China has falled to respect. Tolyo refuses to consider the pro-posit to refer these pacts to the Hugue I had in fact not done at all, but of which he could not be convinced. After questioning my veracity he said some extremely insolent things and court, holding there is no difslammed the door as he went out of O VER in Jugo-Slavia they are go the room. Now Sheehan is young and impulsive, and will probably have more O ing to have an important elecself-control twenty years from now than at present and I made some atgult in the curbing of the royal power, Recently Peter Ziveovitch, lieutenant general of the royal

lowances for his rage. I saw him frequently afterwards, but he never saw me. He was occupy-ing himself with the display of haberdashery in the shop windows when we met or with the clouds drifting across the blue sky, so that I did not seem to come within the range of his vision.

Aust recently he wanted some special privilege very badly which I only could grant. He came into the office quite embarrassed to make apology for what he had said. sorry for what I sald?" be asked.

"Suppose you speak to me when we meet." I suggested, "and the next time you want to apologize to anyone whon you have injured, don't wait until you rant to ask him for a favor." we shook hands....

(@ 1931, Western Newspaper Union.)



Unusual indeed is the fur-trimmer cont that hasn't its but and

In Shipping Deal

beline with black astrakhan.



big shipping combine announced in San Francisco. The others are R. Stanley Dollar of the Dollar. Steams ship company, Herbert Fleishancker of San Francisco. Paul Chapman of the United States lines, and John M. Franklin of the International Mercantile marine.

Read your home paper. Subscribe for the Avalanche.

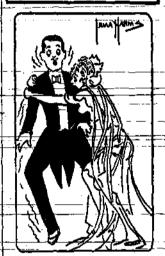


wife thinks he ought to have is because there isn't that much money.



This ankle length bridge frock in tabs outlining the numerous straight

Gabby Gertie



"A man is not longer self-possessed he trembles at the halter."

Vant

FOR SALE-Good 38-05 rifle. In-

FOR SALE-Spring chickens, alive or dressed. Also curtains wand stretched, reasonable. Frank Jennings, Phone 43-J.

FOR SALE-Winchester 30-30 and several other rifles. Fred 11-5-2 Wright.

FOUND-A green plaited skirt Wednesday. Owner please call at Avalanche office for same.

FOR SALE-Heating atove, cheap. Inquire at Connine store.

ONE REGISTERED JERSEY BULL 'also Reg'd. Holstein bull, will self trade for spruce Christmas trees. Prielipp, R. No. 1. Harrison. Mich.

LOST-Pigskin glove for right hand, Monday, Oct. 19. Margaret Warren, Please return to Margaret Warren, at hospital,

FURNITURE repairing and uphelstering. Leave orders at Cash & Carry Store. J. G. Leverton. tf.



POISON

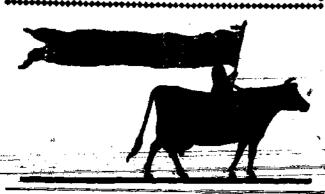
in Your bowels!

Polsons absorbed into the system from souring wests in the bowels, cause that headachy, sluggish, bilious condition;

Dr. Caldwell studied constitution for forty-seven years. This long experience enabled him to make his prescription just what men, women, old people and children need to make their bowels help themselves. Its natural, mild, thorough scripm and its places that the property of the propert action and its pleasant taste commend it to people of all ages. That's why "Dr. Caldwell's Syrup Pepsin," as it is called, is the most popular laxative drugstores sell.

DR. W. B. CALDWELL'S SYRUP PEPSIN A Doctor's Family Laxative

AGRICULTURAL NOTES



possible and a considerable percent-

The adult clothes moth does not claim that certain ready-mixed oil grow in size and does not cat at all and water paints are "fireproof." No during its brief lifetime. The fe. paint can make wood really fireproof. during its brief lifetime. The fe-male usually lives about 12 days.
When she has ceased laying eggs, dies within a day or two. The moth larvae, or worm, is the one that eats is the one that eats paint should contain as little oil as

Gasoline taxes brought in a net age of fusible, incombustible, and investment of \$246,373,000 in the first soluble material. Powdered boric six months of 1931, according to reports to the Bureau of Public Roads.

a paint more resistant to fire for The money will be used white fire it short time. Most substances that The money will be used chiefly for a short time. Most substances that food building. Nearly 7,218,000,000 have fire-retarding qualities are solvable were tracked. gallons were taxed, or 41/2 per cent uble in water and soon leach our more than in the same period last of paint that is exposed to the

The chief weather signs preceding a frost are a clear sky, a temperator. Nails driven into the trunk or ture of 40 degrees F, or lower, and marks cut in the bark do not get. little wind say Weather Bureau exhigher from the ground as the tree

of stores. If there is not enough rinse in clean, pure water. Use a ward air, When you are once well honey of good quality for the bees brush-not rags. Steaming is an ef. "the seed for the day, think no more of the day the day the day think no more of the day noney of good quanty for the bees brush—not rags. Steaming is an efto consume during the winter, sirup
made of granulated sugar is safe and
sust as good as honey. Provide the after washing. If there is no steam
stores early enough so it will not boiler on the farm, a galvanized-iron
be necessary to feed or open the box and steamer and water heater
colony after cold weather. Do not in which steam is generated by a
leave honeydow honey in the hives. honeydow honey in the hives, fire underneath are satisfactory, easy so desirable for winter stores.

Khaki-colored mimeral-dyed canvas ture of 200 degrees F. Dairy uten. trees and gardens would result in is much more serviceable than that ture of 200 degrees F. Dairy uten. trees and gardens would result in ordinary white canvas for uses on sils may be treated with chlorine, the opinion of the Game Division of the farm as covers for machinery, solution if the board of health per the Department of Conservation. In the northern section of the low-and as awnings and temporary shellment of Agriculture, Washington, or peninsula and in the upper pentural, Mineral-dyed khaki is more D. C., will send free blueprints of insula, the rabbit population is pardurable and more resistant to mildew. different types of steam cabinets, and as hawks, owls, forces, covotes, and

Looks Like a Motorist's Nightmare

a A quarter of a million highway traffic signs have been erected by D. C. Cibusty's Rhodes during the twenty years he has had charge of the sign posting work of the Automobile Club of Son hero California. There are now 64 work of the Automobile Club of Son hero California. There are now 64 varieties of signs in the state. More than half are caution signs, including

warnings of hospital zones, callcond crossings, are stations, city limits, slow

bridges, winding roads, shippery surfact roads, pedestrian crossings, one way

street finshers, etc.

Dress and Character

THOMAS ARKLE CLARK

Philip Dormer Stanbope, fourth earl of Chesterfield, was born more than two

hundred and fifty years ago-to be exact, on 1001 - vice to his son es thorn been

ing so little as advice, and though advice, and though the precepts which the earl laid down for the conduct of his son were worthy of consideration, his biographer tells us that they left

the boy "still shy, awkward, tactless, and Immature."

Lord Chesterfield recognized the great value of careful dress and the revelation of character as spen through the attention which men give

to their personal appearance. We could well listen to his words today if we are not too firmly settled in our habits to change either our character or our dress.
"I exampt help forming some opinion of a man's sense and character from

his dress." he says, "and I believe most people do as well as myself. Any af-fectation whatsoever in dress implies in my mind a flaw in the understanding. A man of sense carefully avoids any particular character in his dress; little wind say Weather Bureau exhipter from the ground as the tree perts. The principal requirement for 2000, although they may appear to suite, but all the rest is for other from the temperature is not if the is washed away from the people's. He dresses as well, and to heat from the earth, with but little of a tree grow out, they remain in sense and fashion of the place where return radiation. A moderate wind the same position throughout the life usually prevents frost by mixing the of the tree or until they drop off. return radiation. A moderate wind the same position throughout the ite has. If he dresses better, as he usually prevents frost by mixing the of the tree or until they drop off, thinks—that is, more than they—he is warmer air above with the colder says the U. S. Forest Service. Where a top; if he dresses worse, he is unsurface air. When heavy lower book grow close together in solid pardonality negligent; but of the two, clouds cover the sky they send back stands, more rapid height growth would rather have a young fellow tog much radiation to the earth below, results, and lower limbs drop off much than too little dressed, the excess the first property of the stands on that side sill wear off with a little ing frost. age and reflection. But if he is neg-Failure to clean milk utensits proligent at twenty, he will be a slower
Important considerations for winperly is one of the chief reasons why at forty and stink of fifty years old,
tering bees are: plenty of young milk and cream sour. First ring to the chief reasons why at forty and stink of fifty years old,
tering bees are: plenty of young milk and cream sour. First ring to the content of the chief reasons why at forty and stink of fifty years old,
tering bees are: plenty of young milk and cream sour. First ring to the sy yourself time where others are
fine, and plain where others are plain;
the color of the chief reasons why at forty and stink of fifty years old,
tering bees are: plenty of young milk and cream sour. First ring to the care others are
the color of the chief reasons why at forty and stink of fifty years old,
tering bees are: plenty of young milk and cream sour. First ring to take care nature; the chief the chief the chief reason to 't afterwards.'

RADBITS ARE DESTRUCTIVE

The hunter is the rabbit's most

as it may cause dysentery. Honeys are underneath are satisfactory, easy which have a high percentage of to operate, and not expensive. A tinguins (most tree honeys) are not smith can make a steaming cabinet and were it not for the fact that of this type. Steam the utensils for thousands of cotton tails are killed at least five minutes at a tempera. off every fall, serious damage to fruit thousands of cotton tails are killed off every fail, serious damage to fruit lets, the unit occasionary manage trees and gardens would result, in lip every fail, serious damage to fruit lets, the distribution of the Game Division of the open trees from Sandy Hook and the fishing banks, where he had

also Farmers' Bulletin 1675-F, Care as hawks, owls, foxes, coyotes and metimes of Milk-Utensils on the Farm.

However, in the southern part of the state there are few foxes and few if any coyotes or wolves but there are more nunters. The fab-bit would increase rapidly except for the hunters' guns,

Even with the hunter taking a

large annual tell of rabbits in the southern part of Michigan, the rabbit population continues to remain about the same. In many instances

Last year, for instance, a "drive" and sent to various ladies and gentle-was organized to move rabbits from men with the invitation to occupy a Grosse Isle. The Gull Lake Sanctuery sest in his leve.

The Gull Lake Sanctuery sest in his leve.

They went to puppet shows, to see the contend to rabbit hunting by the contend to rabbit hunting the contend to receive th

Hunters also help to control rabhits in areas where the state and
private interests are engaged in pine
reforestation. Rabbits, particularly
showshees, in the vicinity of recent
rine plantings will at times destroy
all of the seedlings and transplants
before they are large enough to have
leading the properties of opinion is that
the concerns of opinion is that
the concerns of opinion is that
the form of the former also gives the kinds and
the times performed in the ring with quantities of ingredients in the mixthe conservation.

Although Washington was an
accomplish defence of the period.
The concerns of opinion is that
the concerns of opinion is that
the concerns of opinion is that

planted on summer fallow produced grain as on cropped fields.

AMUSEMENTS OF THE PIRTY PRESIDENT

That both the President and Mrs Washington suffered from homesicknose while in executive residence in New York and Philadelphia, is recorded in history. Mrs. Washington wrote to Mrs. Fanny Washington whom she had left in charge at Mount Vernon: "I never go any place. Indeed I think I am more like a state prisoner than anything else; there is certain bounds set for me, which I must not depart from, and as I cannot do as I like, I am obstinate and stay at home a great deal."

rather be at Mount Vernan with a Tirend or two about me, than to be attended at the scat of government by officers of state and representatives of every power in Europe."

Yet, we are informed by the United States George Wathington Biscopies.

states George Washington Biccinen-nial Commission, there was no lack of gayety in only rely with a con-tinual round of bolls, dinner-parties, theatres, concerts, and other diverfors, and if the Chief Executive and is wife could not join in the most exciting pasting a they could at least follow their in-clinations in many respects.

In Colonial times there was a pas-

don for gambling to certain quarters, and bets were games. Loo or re Washington some imes spelled 11 nopular, and it we at a sitting. To however, of W more than three Washington always street for small stakes. He seemed in the game and the forded rather than an the Washington's forders resident he often recorded that he had been "home all day at cards." and itemized purchases of "one do packs playing cords. Washington's natural fundness for horses and racing and sometimes

cock-fighting during his life, was entirely in keeping with the traditional tastes of the Virginia gentleman He not only subscribed liberally own horses, attracting in person, and betting moderately on all the results. He was fond of siling to hounds, and when at Minin Vernon this was one of his favorine pastimes.

He layed hunting and fishing and

dragging for sturge n, too, and often went duck hunting. Although these pursuits were for the most part im-possible while Washington was in office, he did occasionally manage to

been for the benefit of the sea air, and to amuse himself in the delightful recreation of fishing We are told he has had excellent great number of black sea bass and black fish -- the weather provad romantably fin gether with the salubrity of the dered this little voyage extremehope of being serviceable to

speedy and complete restoration of health."

Both the President and M. farmers are having difficulty in protecting their trees since during severe winters cabbits girdle large numbers of fruit trees and shrubbery.

In a few instances it has been accessary to take special measures to hold down the number of rabbits.

Last year, for instance, a "drive" and sent to various ladies and gentle-was organized to make a "drive" and sent to various ladies and gentle-was organized to make a "drive" and sent to various ladies and gentle-

pi) of the seedlings and transplants the concersus of opinion is that before they are large enough to have neither he for Mrs. Washington danced while he was in office. Some historians mantain that he In western Kansas, winter wheat at a bull which was given in his anted on summer fallow produced honor soon after his first inaugura-the average nearly twice as much tion, and before Mrs. Washington as on cropped fields. thin occasion, he is said to have danced the cotillion with Mrs. Peter

Livingston and Mrs. Maxwell, and to have led the minuet with Mrs. Maxwell's sister. Miss Van Zandt, one of the famous heauties of New York.

Don't be a chronic sufferer from head-sches, or any other pain. There is hardly an ache or pain Bayer Aspirin tablets cannot relieve; and they are a great comfort to women who suffer Livingston and Mrs. Maxwell, and to have led the minuet with Mrs. Maxthe famous beauties of New York. An average cow needs about 118

enhic feet of air each hour, or shout 200 pounds of his every day.

This Woman Lost 64 Pounds of Fat

Mrs. H. Price, of Woodside, L. I., writes: "A year ago I weighed 197 lbs. I started to take Kruschen and now I weigh 120 and never felt botter in my life and what's more, Ilook more like 20 yrs. old, than the mother of 2 children, one 19 and the other 18. Every one of my friends say it's marvelous the way I re-duced."

duced."
To lose fat with speed take n half teaspoonful of Kruschen in n glass of hot water before breakfast every morning—don't mise a morning—an 85 cent bott'e hasts 4 weeks—get it at Mac & Gulleys or any drug store in America. If not joyfully satisfied after the first bottle—money back.



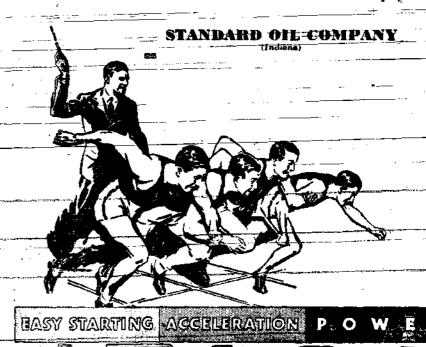
Timed to Meet Seasonal Changes!

the pistol cracks, the sprinters are off. That's quick starting, beautifully timed. That's the kind of action you get from your car with STANDARD RED CROWN-the better gasoline-in the tank.

The Red Light is on, Your car is at a stop. But at the turn of the light she's ready. At the green she's off. In a split second the engine has heeded your signal. That's the kind of action you'll appreciate in cutting, cold weather. Your engine never loafs nor legs at the start if it's fed STANDARD RED CROWN-the better gasoline. For this new, sparkling, brilliant fuel is adjusted to seasonal changes. It's adjusted to modern driving conditions. It's priced to meet the present economic trend.

It Burns Clean at Any Speed!

Ask for STANDARD RED CROWN today, It gives maximum performance at a moderate cost. Sold where the Red Crown emblem is displayed.



mercial mixed feeds. Laws governing sale of mixed feeds require that opened to rabbit hunting by the dancing hears and to Mrs. Bowen's the label on the bag give the chemical distance in an attempt to stop wax-works at No. 74 Water Street, composition. The open formula difficult damage to nearby fruit trees and New York, and also attended the fers from the closed formula in that is shrubbery.

Hunter also help to control was been a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the kinds and circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the control of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where a famed equestrian of the former also gives the circus where

from Headaches, Colds and Sore Throat Neuritis, Neuralgia

a great comfort to women who suffer periodically. They are always to be relied upon for breaking up colds.

It may be only a simple headable, or it may be neuralgia of neuritis. Rheumatism. Lumbago. Bayer Aspirin is still the sensible thing to take. Just be certain it's Bayer you're taking; it does not hurt the heart. Get the genuine tablets, in this familiae package.

Dunlop Tires

Provide a sense of safety against winter tire troubles. Play safe.

It pays to have good tires for winter driving. Dunlops have stood the test and they satisfy all who try them.

The New Standard Red Crown Gasoline

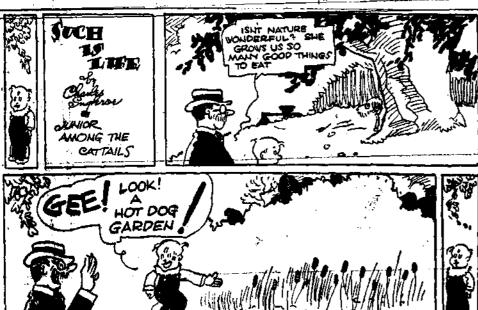
is a wonder. Try it. Sold at regular price. Sold here

Auto Accessories

Phone 5 R



Read the Avalanche and get all the home news. It may not save your life but it will save you money



IN BUSH LEAGUE

Teacher (Eddle, give metal descrip-

Eddle-Can't, I don't know much

HAS BEST CHANCE

about that team

Interesting Events In Grayling 23 Years Ago

INTERESTING ITEMS OF NEWS GATHERED FROM THE FILES OF THE AVALANCHE OF 23 YEARS AGO.

day. Happy yet.

Hon. Eugene Foster of Gladwin, " ator was in town Thursday afternoon for a little visit with old friends and forming new acquaintances:

George Hartman and wife were in on Maple street and will be welcomed us residents of this village after to Mr. Stone.

Mr. and Mrs. E. N. Salling came over from their home in Manistee, Monday for their regular fall visit. Our people are all glad to notice improvement, in health and hope it will prove permanent.

O. W. Roezer, manager Contral thing State, is made glad by front of their plant of the the arrival of his family from Sagis matter with Lovel's row? now, who are now residents of our village. They are nicely combiled in the new cottage on the corner of

A. Cramer of Bay City, who is Charron, Oct. 25, 8.9 point 2 of plumber went home Saturday for a and to vote, visit with his family.

A surprise party was observed.

Visit with his family.

A surprise party was given last losing one of his heavy from beyone firstly evening at the house of Education. Survive was honor of her birthday. A surprise propable time was had by all.

Ira H. Richardson of South Branch history after twelve hours.

Ira H. Richardson of South Branch sickness.

Was in town the first of the week.

The property and bushing as ever, but ing alley has designated Thursby as ladder bushing as ladder bushing as ladder bush because the best of the best of the week.

F. R. Deckrow is putting in a 1 1 Metallam re of Locks lost L

erught.

Game and Fish Warden R. S. Babbit captured some fish nets in Heughton Lake the first of the week.

He would much warden he week.

He would much warden he week.

mercial fishing in that water. Mrs. M. Taylor of Poledo, formerly of this city is spending a few days with friends and relatives

last few years. Next Tuesday will end the agony of all the candidates for office. Those of all, the candidates for once, mose, the candidates elected allows who win will be glad, and most of low:

-those who lose will be disappointed. Sherilf Charles Amidon.

-for nearly everyone is sure of success today. When the votes are counts to the control of the control o

Cards are out announcing the marking of Frank D. Phelps of this village and Miss Eva Hinds of Flint, at that city on the 25th inst. "At Hence in Grayling after December: Surveyor D. Surveyor D. Phelps after December: Surveyor Dr. S. N. Insley and Dr. the 1st. W. Phelps.

Thursday, October 29, 1908 the day, sufficient to allay all forther the "Old Mon" of the Avatanche and to the grain that has been put and his wife quietly celebrated (hg)r doto its dust bed in the past two 44th wedding anniversary last Sun months. More is needed.

Lovells Locals (23 Years Age)

Dr. Underhill is mirting ins -- be ant house and also building an acid; tion onto the same.

The AuSable Forest narm recens

The Feldinuser Bros.' clever secfolded 5 bushels per acre. We are going to have a turpenting

Thursday, Nov., 5th, 1908.

steam heating plant in the Editorial house and contents by the geotoday home. If it does not work right, we morning Lost estimated at stands will advertise to no one size will get martly insured.

He would much rather bave caught city. Her framis here will regret the parties who were, doing com-that she does not remain with as wereful fishing in that water. While they will congratedate it? Detroft society for boing able to obg Ohio, her services and inductor

Election Results here. She says the is greatly pleased. At the electron Fuesday the with the improvements here in the publicans elected every or of last few years. andidate, except for cheesis Char-Amidon, Democrat, hadren 82 over Wm. S. Chalker, Republican The candidates elected aromas fol-

at that city on the 23th inst. "At C. H. O'Neil.

Home" in Grayling after Decembers, Surveyor E. P. Richardson, the 1st. Mr. Phelps is one of our, william Howard Taft, republican most popular young men, and his maddidate for president of the U. S. bride will be warmly welcomed with had a majority over William Jenhim by our people.

The long looked for and prayed for the Fred M. Warner, republican, Bail rain reached this section early Satures, majority of 101 over Lawton T. Heday morning, and continued most of mains, democrat, for governor.

Instead of serving the same type To make popcorn balls at home of menu day after day, introduce a make a sirup of 1 cup of water, 12 little variety in plan, yet have the kinds of food needed for a balanced diet. If you have been accustomed vincear, and is tenspoon of salt. Cook

diet. If you have been accustomed, until the sirup hardens when drop-starchy vegetable with the meat, have ped in cold water. Then add I teasert, for a change. For example, cantaloupe for the appetizer, or fruit cup, and het gingerhead with one without eream, for dessert.



The High Notes

By THOMAS ARKLE .LARK Doan of Men, University of Ulinois.

 Λ_{π} great artist was criticizing the his students. A hundred of so were ranged to



each had been do-ing 1st a week of on was spread out before tim of a hpgeremset ite would game ut these haiddozen sketches perhaps and then make to be a criticism. It was strange how

something that would bring them out

"There is nothing outstanding th the set he would say. "The They have no map. There are We are going to have a co-position of the control o

> good, the prose was oritically, it sol to be that the things they who doing were in most cases prefix ners representative of their own

2. The group, with a femining of different the fill not bloscout. to period and full of de

YEARS TOO LATE

 $W^{*}:\mathcal{G}(\mathcal{D}),\quad W_{*}(\mathcal{D})$, which is a substituted of the state of the substitute of the subst

specified as all a notes

Meet "Lindy D"

TULIA SANDERSON of radio came,

TULIA SANDERSON of radio come, speaking for "Lindy D." her not uncelebration held dee, has had to tell lots of people triedy that her "Lindy" has no connections with the famous second when the connections with the famous second when the control of the connections.

sea in the following light to Paris, and is en important or recorde on his behalf. Hoppin was abstraction and of Mass Sanderson, near Springuist.

of Mrss Sarderma, near Springheld, Mass, find the counce member of the

When

0



Claude-It isn't always the prettiest

girl who gets the last lastenat

mest changes to.,

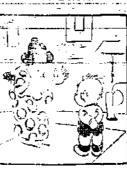
Old Stager-I mar you save the part tepresenting years Collecting open in year new page Linope Fill and too late for the passes Manager-Ser v. Det von look about

CAUSE OF BREAK



"She was there of my engagement rings from a playing bridge,"

CETTING READY



that dinner is most rendy. Willie - Pop - just gone over- to the dyspiques intens to be on do safe side

NEEDFUL SLEEP









PROJECT M 020-16 C-1

RUJECT M 020.16 C.1

Scaled proposals will be received at the office of the Division Engineer, A. L. Burridge, Cadillac, Michigan until 12:00 c clock a m. Eastern Standard Fines Augustay, November 17, 1931 doi: ingraving 5.005 miles of road in Grayling Township, Crawford County.

The work will county of grading and shapping the grad, constructing

until 10:00 microta a m. Eastern Stendards Fines. Touch in County.

Stendards Fines. Touchay, November 17, 16:31 gdf lineraying 5.005 miles of road in Grayling Township, Crawford of and in Grayling Township, Crawford of and under the seal of the County.

The work will country to grading the necessary draining structuring the necessary draining structure and shaping, the road, constructing the necessary draining structures and surface in the form with one course prince!

Specifications and proposal l'anks may be obtained at the office of the Division Emined at the office of the Division Emined at the office of the Division Emined at the above address and at the State Highway Department. Latticus Mich. Plans may be obtained at the above address and at the Chain Highway to the Division Emined at the office of the Chain Highway to the Hig

currency will not increated.

Gine of the primary objects of planting this project uncled construction that this time is to assist in the plant of the county of the proposal governing the compleyment in the locality the requirements set forth in the proposal governing the compleyment of labor and must bid with the understanding that the full cooperation of the county of the successful bidder will be expected. A certified check in the sum of the successful bidder will be expected. A certified check in the sum of the successful bidder will be expected. A certified check in the sum of the successful bidder will be expected. A certified check in the sum of the successful bidder will be expected. A certified check in the sum of the successful bidder will be expected. A certified check in the sum of the successful bidder will be expected to reject any of the court of the court house in the bidder of the court house in the formation of the court house in the bidder of the court house in the formation of the court house in the bidder of the court h

State Highway Commissioner, mass accompany each proposal.

The right is reserved to reject any for all proposals.

(HOVER C. D. L.MAN, State Highway Commissioner October 28, 1931. October Be. 1931. Landing, Michigan.

MORFGAGE SALE

Include having home in the continue.

Include having home in the in the continue.

In a cover mortgage and let defend having him have and having at letting to the form the Howe gud Lydin A. However dat defended day of August e. A. O. 12th and recorded in the offer of the Register of Doeds for the county of Convolved and State of Michigan, on the tith day of Systembers, A. O. 12th in Liber II of mortgage on page 6th on which mortgage or page 6th on which mortgage are have is claimed to be due at the day of the nation for principal and interest, and taxes the sum of continue and liber handled three light and claimed hundreds dollars, and an att may's fee as provided for in said mortgage, and no suit or proceedings at law having been instituted to recover the moneys secured by said mortgage, or any part thereof.

Notice is Hereby Given, that by MORIGAGE SALE When the state of the statute in the standard winst. The Concat flunt's is the title of a norther state of contributions arish. And the best alkalism contrained and provide with the standard w

Throat Sore?

It is no longer necessary to gargie and choke and take chances with patent medicines for sore throat. You can now get quicker and better relief with Thoxine, a prescription exclusively for throat troubles. Its internal action relieves the throat soreness with the very first swallow. Its internal action removes the cause which otherwise might develop into a serious illness.

Most coughs, especially night coughs, are caused by an irritated throat. Thoxine will stop this find of coughs at once. Safe—children like it. Remember Thoxine will relieve sore throat or coughs within 15 minutes or your money back. 35c, the court house in the village of Canadian find and the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village of Canadian find a seesion of said court held at the court house in the village.

William Corning. claim.

Merle F. Nellist.
Attorney for the administrator of 10-29-3
said estate. 9-24-13

SHERIFF'S EXECUTION SALE OF REAL ESTATE.

in the afternoon J. E. Bobenmoyer, Sheriff of Crawford County Michigan. Elmer G. Smith

Attorney for Plaintiff.
Dated October 19th, A. D. 1931

MORTGAGE SALE

Default having been made in the conditions of a certain mortgage made by Harlan P. Smith to William Corning, dated the 1st day of June A. D. 1887, and recorded in the office of the Register of Deeds for the country of Certain A. State of Michigan

A. D. 1887, and recorded in the office mortinorth to the Register of Deeds for the country of Crawford and State of Michigan. On the 5th day of July, A. D. 1887 on the 5th day of July, A. D.

DINCLE SAM BAYS

The post office department has deaided to use cotton twine instead Don't Gargle fute twine for tying packages of letters. It uses about 3,000,000

DIRECTORY

BUSINESS AND PROFESSIONAL

PROBATE COURT Crewford County, Mich.

Hours:-9:00 to 11:00 a. m., at 1 :30 to 5:00 p. m.

Any information and first Proceed-ing in connection with this Court will be had at my office at Sorenson Bros. GEORGE SORENSON Judge of Probate

MARIUS L. INSLEY Prosecuting Attorney Crawford County

Office hours—9 to 11:30 a.-m.-and 1 to 4:80 p. m. Other times by - Appointment.

Office in Court House.

Dr. C. R. Keyport Dr. C. G. Clippert Drs. Keyport & Clippert PHYSICIANS and SURGEONS Office Hours-2-4. 7-8 p. m. Sundage

by appointment DR. C. J. CREEN

Dentist Office-Hanson Hardware Bldg. Hours: 8:30 to 12-1 to 5 p. m

vening by appointment. Closed Saturday afternoons. MAC & GIDLEY Registered Pharmacists

Phones. 18 and 341 Grayling WM. H. MOSHIER

LICENSED MASTER Plumber Grayling, Mich.

License No. 119 ALBERT J. REHKOPF

Plumbing Steam and Hot Water Heating; -epair Work given prompt attended AT HANSON'S HARDWARE

Phone 21 Free Methodist Church (South Side)

Sunday services: Sabbath School—10:00 a, m, Preaching Service 11:00 u, m, Svangelistic Services 7:30 p. m. Everybody invited. REV. IRA GRABILL.

G. F. DeLaMater Co. SURVEYORS

Maps, Plate and Plane for Lake and Stream Development HIGHWAY SURVEYS

G. F. DeLaMater Frank N. Smith, Caylord, Nich.

Saumen on Thursday, November 12th.

Miss Retta Leadbeater, student nurse is at her home in Vanderbilt recuperating from a recent appendix

Mrs. Peter Smith who had the mis-

family and Mr. and Mrs. Carl Tub-vonen spent Sunday in Lewiston visiting friends.

Miss Nellie Turppa of Lewiston visited at the home of Mr. and Mrs. Carl Tahvonen a few days the latter

Misses Elaine Duby and Mamie

McRae of Cheboygan have entered Grayling Mercy Hospital Training school for nurses.

There will be a meeting of Gray-

day evening. Nov. 12. Report from assembly meeting wal be given,

Dr. C. G. Clipper and daughter

Webb are spending the day at the Webb farm home. Mr. Pleasant.

-Mrs. Carl Doreh' and daughter

to spend a few days in Flint and Detroit.

The Ladies Aid of Michelson Momorial church will meet with Mrs. T. P. Peterson on Friday. Nov. 6th.

4. Smiply Co.

Hunkins of

of St. Louis. Mr. and Mrs.

Billyann and Mr. and

-Coal by the larger coal \$7.50 and F ... livered. Mish ()

Mr. and Mrs., i'

Flint and Jack D Mo., were guest

E. G. Clark and to-

part of the week.

Hanson Hardware Company's

This Week

Ivory and Green Pans, your choice, each 29c Roasters 780 and 99c Dust Money sach 47e-

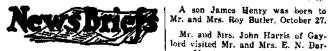
Toilet Paper, 1,000 sheet rolls 3 for 19c

Thin Water Glasses, 6 for 25c

48c per dozen

Lots of other bargains; come in and look them over.

PHONE 21



THURSDAY, NOVEMBER 5, 1931

John Bruun was in Lansing Tuesday on business.

Carl Loskos and little son Roger returned to their home in Grand Rapids Friday, after a two weeks visit here with his mother Mrs. Kate

A son James Henry was born to Mr. and Mrs. Roy Butler, October 27. Mr. and Birs. John Harris of Gay-

veau Monday. Sweet cider made from Northern Spy apples, 25c per gallon. Five gallons and over 20c per gallon. Arthur Wendt. Adv.

The Lumberjack basket ball team had their first regular practice Mon-day night with most of the old gang

Dan Flynn of Rose City is spend.

Dr. G. B. Moffat, director of the ling a few days at the home of his Consolidated District Health Depart-daughter Mrs. Menno-Corwin.

Fra ment will attend the Governor's conserving medical treatment at ference on child health, to be held in Mercy Hospital.

D. Trevegno of Cadillac visited his daughter Mrs. Louise Countri Monday and Tuesday.

week at the George Mallinger home in Higgins Lake. Miss Viva Hossle is spending the Adolph Peterson has been ill his home for the past week and his condition remains about the same. Mercy Hospital Aid society will meet at the home of Mrs. Henry

Bernard and Bryan Brady of De troit are visiting at the B. J. Cal-lahan and John Brady homes.

Have your car winter-tuned, Read in our display advertisement what we will do for \$6.00. Leo Schram Service Station. Adv. Dickie Dawson, little son of Mr. and Mrs. Earl Dawson had his tensils removed at Mercy Hospital Monday. Crawford County Grange enjoyed a chicken dinner at the farm home of Mr. and Mrs. George Annie Sun-

Mrs. Herbert Gothro returned from Oscoda Monday where she visited her brother and family for a couple of fortune to fall at her home Sunday alight is getting along nicely at Mercy

Mrs. Kate Loskos was in Bay City recently visiting her new grandson. born to Mr. and Mrs. Clarence Ekkens on October 22nd. The mother was formerly Gertrude Loskos.

The remains of Mrs. Lucille Baker widow of the late Alfred Baker were brought to Grayling Friday and in-terred in Elmwood cemetery beside the remains of her late-husband. Mrs. Baker, who was well known in Gray-ling, passed away at her home in Flint, Oct. 18.

Mrs. Herbert Ward was in Bay City Saturday consulting Dr. P. R. Urm strum an eye specialist about her left eye that she suffered such a severe injury to in a recent automo-bile accident: She was accompanied by her sister Mrs. Albert Schroeder and Billy McLeod.

Since starting last Saturday we have winter-tuned a large number of autos. See our advertisement on the Leave orders at 3 ast page and note the generous service we offer for only \$6.00. That is cheaper than you can do it yourself. Phone Schram's Service station. We will call for your car and return it

Rome Beauties from Bangor sounds like a queen contest, but instead it is the name of one variety of apples Wanda and the former's father W. H. Ketzbeck left Tuesday morning that are raised there so abundantly A tempting box containing Rome Beauties and Golden Delicious ap-

The Grange is still in the race for the Red Arrow money orize. Anyone wishing to contribute to this worthy cause should send their coupons to church who are working for second employee here. Bangor is certainly place in the Red Arrow contest.

family drove to Reed City Sunday. They accompanied home Mr. and Mrs. Henry Roberts, who have been risiting here for several weeks. William Porter employed as woodsman near frederin acceived an injury to his back Tuesday after-noon, when he was struck by a large

lease bring it with them. Mr. and Mrs. Albert Roberts and

limb from a tree. He is a patient at Mercy Hospital. A marriage license has been is-sued to Ezra Highlan, Frederic and Emma Johnson, Frederic and also an

affidavit for a marriage license Fred E. Medendorp, Grayling and Pansy Nicholes, Grayling. Mr. and Mrs. Roy Billings

last week in fattendance at the November 10th.

Smith-Barr wedding: On her return Mr. and Mrs. sher was raccompanied-by her unel John Olson, who remained for a Lawrence Kearney of Muskeyon.

who had been visiting his sister, Sister Mary Stella at Morcy Hospital for about three weeks returned home Thursday. He was accom-panied by Sister Mary Stella as far as Reed City, where their mother Mr. and Mrs. Harley Kennedy on-

tertained a number of friends Friday evening at their home in honor of decorated very tastefully and the evening spent in dancing and games. The hoatess served a delictous lunch.

ris has been cory successful in negoor the land owners, hold-

→ Our Big **November Sale**

Has Caused Quite a Sensation

Imagine buying Ledies and Misses | Men's ribbed fleeced Union Suits for

\$2.95 and \$5.95 Women's Artics at

\$1.29 and \$1.95

\$1.49 and up

Buy your children's Shoes for school at

1=5 to \(\frac{1}{2}\) Off A few Girl's Coats left at

-Boy's Mackinaws at 1/2 price.

Men's all wool Overcoats for

\$13.95

Boy's and Girl's Winter Union Suits at

Men's Jersey Coats at

\$1.19 and \$1.39

Men's Hunting Caps. Alpena Wool Coats. Blazers. High Top Shoes, at

Ladies New Winter Hats at \$1.95 and Up

Latest styles in Women's and children's Goodrich Zippers-All sizes.

Boy's High Top Shoes at \$2.95 and \$3.50

Men's Flannel Shirts \$1,25 and Up

Grayling Mercantile Co. The Quality Store-Phone 125

--Leave orders at Moshier -Service station for coal and coke. Adv. Marcus School, state forester was

in Grayling Monday on business. Mr. and Mrs. A J. Trudeau and son of Midland spent the week end at the home of Mr. and Mrs. Herbect.

Bay City were visitors at the home of A. E. Hendrickson this week.

They returned to Bay City today accompanied by Mrs. Billing's father.

John Snagten, who had been visiting the second to the week end. They returned home sunday.

These will be a meeting of the -There-

American Legion Auxiliary at the Legion hall next Tuesday evening, Legion hall

Mr. and Mrs. Leo Jorgenson and daughter Leone and Mrs. and Mrs. Oliver Cody and family spent Satur-day in Cadillac.

Mrs. Fred Stollfus and her niece Miss Doris Rich of Cleveland spent the week end at the home of Mr. and Mrs. Roy Butler

Mrs. George Mallinger and children Joseph, Marie, and Kathryn left Sunday to spend the week in Detroit and Pontiae.

ontract of which is some of the former Saturday night, debelous lunch was served this winter. Mr. Har Time to order your Christmas Virginia's mother.

- Miss Josephine Nichols-spent the - Miss Maxine Adams of Mackings week end in Lansing.

Mr. and Mrs. Lon Heath and Charles Amidon visited his laughter Joyce spont the week end in Ray in Flint over the week end.

Start the winter right. Have your car winter-tuned, all for \$6.00. Leo Schram Service Station. Phone 124.

Mr. and Mrs. Affred Hanson and her home last week in Mr. Morris Mrs. Cyric Peterson. drove to Bay Mr. Hoyt was at one time the treasures.

Mrs. Cyric Peterson. drove to Bay Mr. Hoyt was at one time the treasures.

Mrs. P. M. Hoyt, a former resident of Ciawford county, died at her home last week in Mr. Morris Mrs. Cyric Peterson. drove to Bay Mr. Hoyt was at one time the treasures.

Hendrickson Saturday and Sunday, and Mrs. Alfred Herman.

Mr. and Mrs. O. P. Schumann, visit. httle Entits reported better. ed their daughter Miss Mary at

John Bruun at the invitation of Cyclone."

Alexander Ruthven, President of Mr. nd Mrs. Lorune Sparkes and

Dr. and Mrs. G. B. Moffat are entertaining the former's purents, Mr. and Mrs. J. K. Moffat of Toronto, and Mrs. J. K. Moffat of Toronto, and Friday. The meeting is called a conference of forest and taxa.

Thursday of Liversity of Michigan, is attending children drove to Lansing Friday of Spent the week end as guests of Et. and Mrs. R. E. Bates. They canada: this week.

evening spent in dancing and games. To visit Miss Evelyn Johnson. They lowern party at the home of game Saturday.

Mr. Harris of the State Highway
Department was in town Wednesday Reynolds entertained a few of their played they were visited by a ghost, agreeable surprise who told them a creepy story. A relatives and friends numbering 31

ing the more 20 over which the road will be but will be but a serious accident this morning at about is ill.

Mrs. A. J. Joseph and Mrs. Frank of the race in the Red Arrow confined for the Kr. y & Banson Flooring company was the victim of a serious accident this morning at about is ill.

Mrs. A. J. Joseph and Mrs. Frank of the race in the Red Arrow confined for the race in the Red Arrow confined that and ing to turn in Red Arrow money do so to Mrs. Fred Welsh. This courtesy will be appreciated much by the Aid.—Adv.

George W. McCullough and Effect that the former who may do so to Mrs. Fred Welsh. This known in the building next to the courtesy will be appreciated much by the Aid.—Adv. courtesy will be appre-much by the Aid.—Adv.

City spent the week end here.

Misses Margrethe and Olga Nel-Mr. and Mrs. Phil Quigley attend son enterfained at two tables of the Potato Show at Gaylord bridge Tuesday evening at their Thursday. Mrs. Joss Sales held the

Mrs. M. A. Bates was called to Samuel Johnson and son Theodore Grand Rapide Monday owing to the of Detroit visited at the homes of illness of her granddaughter Barbara Mrs. Hanson and Ar E. Elizabeth Hermann, daughter of Mr.

The Junior class of the Battle Olivet college Sunday. A burned creek High School are to present out bearing held them up at St. Johns until Monday night, but their class play on November 20-21 Johns until Monday night, but their class play on November 20-21 and dick Zeder. To former Grayling they has one of the leading roles. The Editor and Mrs. Schuyler Marshall.

and sons Arnold and Ben Jr., Sixteen little girls enjoyed a Hal- the Michigan State-Syracuse football

by relatives and friends numbering 31 invaded their home was Mrs. LaMotte's birthday an-Time to order your Christmas greeting cards now. A fine line to leet from We'll hold them for you until Christmas. Avalanche Office.

| Determine to order your Christmas greeting cards now. A fine line to leet from We'll hold them for you until Christmas. Avalanche Office.

George W. McCullough and Efner

ous accident this morning at about sight o'clock, when he accidentally as this head caught between a couple of logs in the yard where he had a crew at work. He is at Mercy Hospital where it was found that he slight damage early Saturday after hood and face injuries.

About 40-friends and members of the Lain. McLeod entertained six little the Layloft Saturday after ones. Saturday afternoon. The youngsters came costumed as elves and Mrs. Paul Feldbauser of Mr. and Mrs. Paul Feldbauser of Mr. and Mrs. Paul Feldbauser of Mr. and Mrs. Paul Feldbauser were farmer. Mary Gretchen Connines which quite satisfied plants the home of the house of an object of the penny prize was won by Mrs. Fern Feldbauser and Mrs. Bertha Williams. The penny prize was won by Grand-ma Duttor. At eleven o'clock the guest were committee served, a delicious lunch. Everyone prevent voted a most ensolvable time.

committee served a delicious lunch.
Everyone present voted a most enjoyable time.

Mrs. C. R. Keyport and Mrs. C. G. Clippert are enjoying a ton day pleasanter summer and fall than the leasanter summer and the leasanter summer and fall than the leasanter summer and fall than the leasanter summer and fall than the leasanter summer

Hunting

Boots, Shoes Socks and **Gloves**

At Reduced Prices

We have a complete stock of all kinds of footwear that you will want for deer hunting, and we have reduced the price of all heavy

Light weight lace hunting boots, 16 inch black or tan, were \$6.00 now

S5.50

Our best 16 inch waterproof leather boots, now

2 to 6 boy's sizes, same leather and construction at -

\$6.50

16 inch solid leather boots, Composition soles

Rawhide 72 inch laces reduced to

Men's Felt Shoes with felt soles reduced to

\$2.65. Leather soles from \$4.25 to

Men's heavy work rubbers for felts, now

Canvas gloves, 10 to 25 cents, 3 pairs for the price of 2 pairs. Largest assortment of heavy sox in town at 15% off the regular price.

Sheepskin packs were \$1.40 now

We also have Men's Zippers, cloth 4-buckle artics. All rubber artics, low lace boots, hip boots and everything else that you may need to go hunting such as laces, shoe grease and insoles.

Olson's Shoe Store

THE ENNA JETTICK STORE, GRAYLING, MICH.

Winter Car Tune-Up-

There are 25 points for inspection and service that every car owner should heed at the opproach of winter.

NEEDS IT

EVERY CAR

Come in and let us give you this service. Beginning Friday, Octos ber 30th we offer you she hallowing source all for the small stan of

\$6.00



1 Clean plugs.

2 Clean carburetor and adjust.

3 Check points. TClean and reset generator.

5 Check starter. 6 Check coil and condenser.

7 Check electrical system.

8 Adjust headlights. Change oil (up to 6 quarts)

10 Grease car.

H-Winter grease in rear end and transmission

12 Clean radiator.

13 Inspect hose connections.

14 Remove, check and grease front wheel bearings.

15 Check front wheel alig ment.

16 Inspect steering gear. 17 Tighten body bolts.

18 Inspect and repair tire chains.

19 Adjust or install your heater.

20 Inspect shock absorbers.

Adjust brakes. Inspect and repack water pump

23 Install or adjust winter front

24 Thermostat-adjust

25 Road test of car.

Leo Schram Service Station

D. P. A. Radiator Glycerine. Grant Storage Batteries.

Phone 124

a Championship By 18-8

duniors. Bath pitchers had wild comments, but Sheely pitched the content of the pitcher is the percentage of the property of t

is defined as any substance which when taken in the body maintains

the first being water. Water is found in most abundance in the daily water drank. It is also found in heverages, somes, letture and other green vegetables and watermelon. It is the most important of foods because it helps to take the other food through the body by means of the blood, helps the hody to excrete gave their first party of the season, sheets waste, helps the sweat glands and The affair was devoted so dancing times to belos do many more important

Next in importance is fat which is found in any futty-substance." It is essential for the obtaining of energy which in the body is heat energy.

drates which are made up of starch and sugar. This type, found in vege-tire silence. They were very for papers in the drawer.

tables, bean most, ste, produced on sunste, however, in procuring, an if there are going to be too many.

Proteins, another type is found in is not needed in as great a quanti-

It is very assential to have certhey are not the heart will stop freehments. phosphorus, iodine, calcium, etc. They are found in green vegetables such

body. They are found in fruits, vege-

tables, wilk, erc. They are divided, into Vitamins A. B. C. D. and E. Vitamin A is necessary to prevent done to the eyes B is necessary. To bene Fullding: C is necessary to

for the building: C is necessary to describe the difference of the series. The eighth grade in the final sary especially for the provention of carry, which is a disease of the skin. If these are not in balanced from the eighth shad wild products and Sheehy twitted for the sugar is prevent the forming of an acid treasury propagation. Buth pitchers had wild proments, but Sheehy pitched the which injure the body. Therefore etter skin-day, the state of the same of the skin of the series and sheehy twitted for the sugar is prevent the forming of an acid treasury—preparing for a bigger and the same of the skin of the series and sheehy twitted for the sugar is prevent the forming of an acid treasury—preparing for a bigger and the same of the skin of the series and sheep thidding: C is necessary to describe the series. Danie and the skin of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the same of the skin of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the same of the skin of the series are not in balanced from the skin of t

Junior News

Last Friday evening the Juniors The affair was devoted to dancing times they a general, with a few games now ic names. in general, with a few games now ic names, sometimes with numbers and then to break the monotony. In the persons filing will deposit each every Monday morning for a few subsequent paper in its alphebetic weeks. We are going to buy a there have to rely on games after for each hind its guide sheet. This is professed in the money. All pupils who were neither absent had weather and the early hours, which keeps the maners unright who. had weather and the early hours, which keeps the papers upright when carely for the pa-convulsed in spasms of static or enorchestra a little later in the evening papers under one heading, the head composed of Mrs. Geo. Olson, "Spike" may be divided into sections or one father? McNeven, Marius Hanson, and Don Young, who came over and added the ent sections labeled by bother, etc. If a large number of feters are locally from one firm, it is time pumpkin pie, with whipped cream and coffee was served for reference on it.

Edward—Where are you going?

The last type or division of food The Seriors have only a few girls.

Is vitamins. We do not know what but enough to make up a real team.

They are so as to define them, but They are to play another class some

The Seventh and

The players are as follows: Esther Cahoon- Catcher.

the students write a paper on the subscriptions. This has inspired the students to work harder then chose the best of the group and gave them to Miss Berry, who selected the following paper us the least:

Foods.

In discussing foods the first esential is a definition of food food is defined as any substance which least when to define the leadershin of the president. Big Chief Bible LaGraw which selected the following paper us the least:

In discussing foods the first esential is a definition of food food is defined as any substance which leaders in of the two tribes.

In discussing foods the first esential is a definition of food food is defined as any substance which leaders in of the two tribes.

In discussing foods the first esencial is a definition of food food is defined as any substance which when taken to the body was annotated Grand the leaders him of the two tribes.

In discussing foods the first esencial is a definition of food food food is defined as any substance which leaders him of the two tribes.

In discussing foods the first esencial is a definition of the two tribes.

In discussing foods the first esencial is a definition that is after a played that the estable that the estable table, that is after a played the students write apaper on the body maintains and the sudents to work harder. The subscriptions, This has inspired the students to work harder. The subscriptions write the definition that is after a played the students write and cannot he callected. You. should then the two two them away before then as you may need them at any time for including the played his country to held them I also will feel I and cannot he called quickly.

Called To the teachers in the form the subscription of the two two them away before then as you may need them at any time for reference. Of course, insurance the leaders him of their solution and cannot he called quickly.

Called To the two two deviced further antistaction, the fourth called them. Evol To the called quickly.

Called To the cachers in the subscrip

Veronica Lovely was appointed Grand
Sachem of the two tribes

The Seniors are now in the lead but the Juniors have until Friday.
November 6, to beat them.

Having had many arguments as to the outcome, both classes have agreed that the losing tribe must.

The principle of filing is listing the first and with you deal in alphabetic order.

There are different ways of filing.

The principle of filing is listing the first and with you deal in alphabetic order.

There are different ways of filing.

The principle of filing is listing the first and with you deal in alphabetic order.

There are different ways of filing.

is just a large encolope with a lot of the story "The of partitions in it. Another is the Man Who I" of I God," at our school vertical file. In this the sheets stand Tors by sterner We all enjoyed it spright behind gendes, in the form of I is hold a will come again.

Sheets labeled alphaetically, Some. This laing the end of the month, times they are labeled with geographs will sheet a report cards today.

later in the evening papers under one heading, the head. Challe Wil are you whipping

rm's name on it.

File the papers in order or their Wilson-For teacher to whip Milford Parker.

Milford Parker.

Evidently the boys aren't the only crived being placed is front than file with because ones interested in baseball. This

2nd baseman—Celesta Neal. 2rd baseman—Eea Swanson. Shortstop—Bernice Talmer. Right fielder—Bell Warkby. Left fielder—Mary Rasmusson. Sixth Grade. The Sixth graders are very much interested in working out a project "Modes of Trayel and Communication"

girls had a baseball game last Monday. The score was 27 to 5, the Seventh grade being defeated. The

Eighth grade will play the winning team of the next game between the

Ninth and Tenth grow. The playrs are as follows: Pitcher—Evon Surfartier.

Seventh grade being defeated.

Catcher-Virginia kenus. 1st baseman-Helen May.

tion." They have approvered that modes of travel vary greatly in the different countries.
There were countries the west

past school month. Fifth Grade News.

Miss Douglas, teacher. " We have found the British Isles to be a very busy place. The French saving and thrifty people. Holland, with all its lovely with of flowers and pleasant people, was very inter-

esting to study.

The new reference books "Lands and People" have helded us to enjoy our Geography lessors
We are hoping to have all A's on

we were very hany last Friday afternoon at our Hallowe'en party. We played many games and read some stories. On teacher, Miss Douglas, treated us to pepcorn, ap-ples and cakes which had little faces on them made of fresting. Our room looked very postty because of the Hallowe'en does whom:

Fifth Grade News. Miss Hormann, teacher. There were no tank marks during the month of October. Sixtoon people

were neither absent our turdy.

We have loaned out 138 hooks or the last week of September. As a to-ult we have had many interesting book reports.
Phyllis Hewitt to k her place this

merning as the new engtain of our Health organization. Two new helpers were also chosen in the of their good record for the month of October. The judges of the picture coloring contest found it very hard to make a decision. They finally awarded first

to Junior Lovely, the second prize which underlie such questions as distributed and fourth to E-bern Olson.

We see studying about the New Second States in Governey, We shade had fun coloring maps of these states.

Friday of last week we cele-

sometimes with numbers. We are having penny marches

or tarrly for the past month were ex-Theodore Iraca was absent from school Friday

with because I am going to skip school temprices and I don't want to be bethered thinking about it.

Eighth Grade.

Now is the time to get your day
rendy for winter. Have it winter.
The Seventh and Eightn grade tuned at Schram's Service Station.

LOVELLS NEWS

Mr. and Mrs. Clarence Stillwagon of i Mrs. Husted went to West Branch Saturday.

The Lovells school gave a party for the Lovells ludies on Friday after-noon. The time was passed playing noon. The time was passed playing Coo Coo and Buncho. Prizes were

won by Mrs. Mike McCormick and Elmo Nephew. Mr. and Mrs. Clare Melrov of

Joseph Duby.

Mr. and Mrs. James Stillwagor
gave the young married people oparty on Hallowe'en. They player

"aller in Lovells last week.

Mr. Carl Tuttle and Leonard Clem nt of Detroit spent o few days at

Thomas Wakeley and family of Sinsbre visited at the home of Joseph Duby Saturday.
The Lovells children surprised Eime

Nephew on Hallowe'en as it was his fourteenth birthday anniversary. They fourteenth birthday anniversary. They came with good things to eat and had a nice time playing games. PREMIER LAVAL has sailed back home happy in the botter that his conversations with President Roover

accomplished a great deal toward and his nids presum-ably are equally sat-isfied, Others, in America and Pacope, are doubtful. How ever, deductions from

the rather vague

Statement Issued by the President and the premier are that the

real achievements of

Co-operation between the United States and France on the economic and financial remedies necessary to end worldwide depression; recognition of the fact that Germany may find t of the fact that Germany may find it necessary to call for re-examination of its caracity to pay reparations, as provided by the Young plan, in the of extension of the Hoover moratorium; maintenance of the gold *tangle and and a stabilization of exchange rates il cough the medium of interna tional monetary conferences, if noces sary; an end of the drive on the dol-lar, so far as French holders thereof are concerned, and an excellent un-derstanding of the political problems

Whether or not he tried to steal the On Friday of last week we celested the spottight, he almost succeeded to delighted Hallowe'en by listening to log just that when he blustly told the stories and cating popoen and operations. In the morning we played a suite peace testly would have to be It was very good.

We made cats in Art class last Hungary, and that the United States
Friday. They were very funny because they had springy legs and take to interfer and the United States
would not enter in a new security
take. In later to accept they with M
Laval and with True Figure state. Jame Schoffeld—2nd base.

Josephine Benneti—Shortstop.

Laura Welch—Right field.

Marie Brown—Center field.

Every Jordan—Left field.

Cour class has taken up selling and every noon to Teplorish for a bisger and efter skip-day.

Defense Fall Call For Grades.

Donated the Carde of the Charles play the Charles play and the Charles play to the Cha

of Germany. GREAT BRITAIN went to the polls and gave the Nationalist government of Ramsay MacDonald a most astonishing victory. The Labor party was almost wined out so far as earlynmentary membership goes, and the Conservatives are in full control. Though at this writing the returns are not quite complete, it is known that every member of the cabinet is re-elected except Sir William Jowett attorney general, who lost to snother for of the Exchequer Phillip Snowder candidate: The mo himself at Seaham Harbor was to doubt for a time, but he won by t good majority. Among the were Lady Nancy Astor and Viscount

codeta " san " af Fari Beatty. Labor party leaders who went down in defent included Arthur Benderson tien Tillett Ben Turner, John Clynes and Margaret Bondfield. They and other prominent Laborites will be prowith seats inter through the resignation of members representing sure constituencies. Sir Oswald Mosley, wealthy leader of the new party.

The triumph of the Conservatives is so transendous that it biny prove embarrassing and result in the down falt of Prime Minister MacDonald The Torica have such a huge major-ity that they probably will take over the control of the government. In



BE SURE to protect your eyes with the good light that is produced by lamps of high quality.

The world-wide resources of General Electric are utilized in the manufacture of Edison MAZDA Lamps, which have the quality that assures the full value of the current consumed.

In the average home the difference-between-good light and poor light hardly amounts to a cent an hour. Good light is a protection against eyestrain, which is likely to couse impairment of sight and be demaging to beauty.

Let us show you the new Edison MAZDA Lemps at the lowest prices in lamp history. We have the right size for every fixture.

MICHIGAN PUBLIC SERVICE CO. EDISON MAZDA LAMPS

undertake to pass protective tariff legislation, though Stanley Baldwin and other Conservative leaders have

RADICAL Republican congressmen, eight in number, have served ne-time-on-the regular Republicans that they will not co-operate with the tarter in the organization of the new house unless their demands for agri-cultural and enemployment relief are given consideration. These La Fol-lette followers, according to their newspaper in Madison, are to hold a incering within a few weeks and have invited the attendance of radical rep-resentatives from other states, name-

been rather noncommittal on that sub-

ly: Philip D. Swing, California: B. H.



FREDBRIC NEWS

Fine fall weather we are having hope it keeps up. Mrs. Wm. Cox, who has been seri-

cusly ill, is still under Dr. Rifen-Mr. Armond Stimson of Pontine has returned to his home after spending the summer on the Horton farm.

A fine time was enjoyed by all at the masquerade ball Saturday night at the Frederic opera house. The J. U. G. Sunday School class of the M. P. church held their Hal-

lowe'en party at the home of Miss Grace Woodburn at Maple Forest Restless Miss Helen Woodbrun, who is a student at Mt. Pleasant college, was the guest of the evening. were played and at one o'clock a de licious lunch was served and a fine time was had by all.

Mr. Clare Corsaut, a student C. S. T. C., Mt. Pleasant, spent the week end with his parents, Mr. and Mrs. E. A. Corsaut.

Rev. Browning and family are in Detroit on business this week. Mrs. Geo. Horton who has been under the doctor's care for the last

four weeks is able to be up and

The Friends of John Karnes, an old resident of Frederic about 20 Who heard those wedding bells Saturday, Oct. 31? But we know who as Mr. Exra Highland and Miss

Minnie Johnson were married at the M. P. parsonage. Mr. Carl Olson who was operated on for appendicitis at Gaylord Hos-

pital is gaining rapidly.

tion of ladies weating apparel. Bright orange in color. If found please return to owner. No reward. Doyle Allen and family of Ros-

Lost-On Hallowe'en night, a nor-

common spent lest week; with his parents, Mr. and Mrs. Bon Allen. Mrs. Show of Standish to here as over a rolles committee to her nephew's wife, who fell down the cellar stairs Mrs. Fox of Maple Forest was down

John Malco has gotten moved to own. Mr. and Mrs. Colby are settled on the Mrs. McMillan farm in Maple Forest.

Mr. Henry Leeman has given he school janitor work for the time being, as his health is none too

Mrs. Corydon Forbush had an accident while washing windows on a stopladder, which let her fall, result-ing in a badly sprained wrist.

Wornout Men Need Old-Time Iron Tonic

Men who are worn-out, run-down and nervous need iron, lime and cod lives peptone as combined in Vinol. The very FIRST bottle brings new strength, better appetite and sound aleep. Vinol aids digestion and increases the red blood. Gives you never with trouble on his mind. He never her ambition. Equally good for tired, nervous women and underenced in the series of the children. Tastes delicious. Get a bottle today. The results will surprise you! Mac & Gidley, Druggists.



CHILDREN will fret, often for no apparent reason. But there's atways Castorial As harmiess as the recipe on the wrapper; mild and bland as it

powerful medicine.

That's the benuty of this special children's remedy! It may be given the tiniest infant—as often as there is need. In cases of colic, diarrhea draimiar disturbance, it is invaluable. A coated torque calls for just a few drops to ward off constipation; so does say suggestion of bad breath. Whenever children don't eat well, don't rest well, or have any little upset—this pure vegetable preparation is usually all that's needed.



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710 8th St., Washington, D. C.

Crawford Avalanche

POTATO, APPLE AND SEED SHOW SUPPLEMENT

FIFTH ANNUAL EDITION

Small Fruit Offers **Opportunity Here**

THREE BERRY CROPS USED AS ILLUSTRATION BY STAN-LEY JOHNSTON

tion, gave the risks see the sine of rest such make the or the oppor-tunities for small fruit in northern

Mr. Johnston discussed primarily the red raspberry, the strawberry, and the blueberry. "These three fruit crops," he remarked, "offer the

grower many opportunities."
"Certain parts of Northern Michigan have already attracted considerable attention as successful producing areas of Cuthbert red raspberries Apparently the Cuthbert does better in parts of Northern Michigan than it does in the southwestern part of the state. Where the Cuthbert can be grown successfully it is without as peer among red raspherries due to its excellent quality and exceptional canning ability. This variety no longer seems to do we'll in Southwestern Michigan on account of its suscepti-Michigan on account of its susceptibility to leaf curl, one of the virus diseases, and accordingly it is being replaced to 4 large extent by Latham. The latter variety, while it is vigorous and productive, is of inferior quality and is not adapted to commercial canning because the berry crumbles in the carming process.

canning because the berry crumbles in the canning process.

Small fruit growers in the northern part of the state would do well to continue growing Cuthbert rather than other red rappberry varieties. There will always be a demand for good quality fruit of this variety and also a demand for healthy plants. Nurseries are constantly looking for sources of Cuthbert stock free from disease. Commercial fruit canners of the state will also be interested in of the state will also be interested in obtaining Cuthbert berries when the would not be interested in the fruit of any other red variety. This in-sures a double market for the fruit which is a very desirable altuation especially during years of heavy pro-duction.

"It is unlikely that the black rasp berry can be grown in Northern Michigan as successfully as in the (Continued on page 2)

Waine per acre is oftentimes more important, however, than value per hushel," according to O. B. Price, Agricultural Agent of the New York Central Lines, "for it is the interest on land, taxes, labor, etc., that makes up the major cost of producing potators."

"Interesting potato history is re-corded by the United States Bureau of Agricultural Sconomies dering the last accenty-five years; records have been kept of acreage, yield, produc-tion, and value of crops.
"If we go back to 1895, before most

of us were growing potatoes here, we find that there have been only six years when the acreage of potatoes in Michigan was less than in 1930, and those six years occurred hefore 1901. There was only one year when the average yield per acre was less than 1930, and that was in 1916. There were only two years when the total production was less than in

1930.
"When we consider the value of the crop, the condition is quite different (continued on last page)

Stephen Wing Wins Chicago Show Trip

The free trip to any 4-H Club boy in this area to the National Club Congress at Chicago in December, provided by the Ford Hardware Company of Gaylord and the International Harvester Company, was made them at the present-time on won this year by Stephen Wing of of the vegetables which are an im

to submit a report on his work.

In selecting the winner the judges based 40 points on report and story, 40 points on oxhibit at the show, and 20 points on interest in club work.
Stophen is a son of Cliff Wing of Alba. He is 15 years of age, has been in club work four years and is

in the tenth grade of the Alba school.

A very complete report on the project was submitted. We are ploused to summarize this report as follows: to summarize this report as follows: There was one acre in the plot. He used hill selected seed, and followed tubor unit planting. The potatoes were stored in a pit last winter. Corrosive sublimate was used for seed treatment. The potatoes were green (continued on last page)

Standard Potato Club Shows Value of Better Grading

J. J. Biru, potato Specialist gave J. J. Bird, potato Specialist gave a very interesting talk on table stock production at the general session on Thursday. He outlined the plan and purpose of the Michigan New Stands and Artists and gave results of the first year's trial. Quotations from the first year's trial. Quotations from About one-tenth of the potate results in Michigan grows high quality.

grewers in Michigan grow high quali-ty tablestock. The New Stanter Club is designed to maure the production of a fency grade of superio quality tablestock by regulating somewhat the production methods employed, and to identify the pro-duct on the market. quality

"This first year, 137 growers joined the Club, growing a total of 1273 acres. Due to growing conditions only about 40,000 bushels of potatoes will make the Fancy grade.
"The fields were inspected open

during the growing season to see that rules governing type of soil used early planting, close spacing and proper spraying were being followed. Field inspections did not consider disease, since the grade is not to be confused with seed production.
(Continued on last page)

Pearl Bonter Is Premier Grower

WILL COMPETE AT STATE SHOW FOR \$125.00 TRIP NEXT SUMMER.

A new premier potato grower was innounced at the show with the selec-ion of Fearl Bonter of Peliston, Emmet County, as the winner.

Mr. Bonter won this contest in field of fifteen growers with a total acore of 790.2 points. His nearest competitor was K. Klooster of East Jordan, with a score of 760.0 points This contest was open to any pota-to grower within the Top O' Michigan

Production and

Demand Set Price

No. B. PRICE SAYS WE SHOULD PRODUCE MORE POTATOES
ON FEWER ACRES

Everyone will remember last year (1930-31) as a year of low potato (1931-32) as a year of low potato (1931-32)

Mr. Bonter was awarded a peauti-ful Atlauth Lattip and was automatically selected as the contestant from the Top O. Michigan territory to the State Show at East Lansing, in Feb-ruary, where contestants from five

other shows will compete for a \$225 trip to some out of state potato grow-ing section. Mr. Bonter has been a regular ex-bibitor at the show and won third place in this contest last year. His friends were glad to see him

Potatoes Needed In Regular Diet

year and are "rooting" for him at the State Show.

HARRIS POINTS OUT QUALITIES

credited to Ireland, but history says the Spanish first found them in the Spanish effect found them in America and took them back as part of their offering from the new world, according to Miss Margaret Harris, assistant state Home-Demonstration Leader at Marquette, Mich., who spoke on the Women's Program of the ...Inth Annual Top O Michigan Potato, and Annual Shore. "Their Potato and Apple Show. Their adoption and extensive use in other countries as well as in Ireland has of the vegetables which are an im-portant part of the modern diet. "Fads in food and in "dieting to

In order to win this trip the boy had to be at least 15 years old, he had to be at least a second year 4-H the public minds of the real value club member, he had to exhibit 32 of many foods, according to Miss polators at the Potato Show and had been depressed in the potators as a food are important for the minerals and vitamina for the mineral subject to the mineral subjec great value in Michigan.

"The large part of the potato believe that the believe to many to believe

that the carbohydrate is the only thing of food value to consider. The composition of an average potato is 75 to 79 per cent water; 1k to 20 per cent carbhoydrate; 2 to 25 per cent protein; 1 per cent ash, and a trace of fat. While the potato is right y called a starchy food, it supplies oulk, another important need in th

"From the standpoint of sold-form ing and base-forming qualities, it has been said that one medium sized (Continued on page 8)

Seven Hundred Sixty-three **Exhibits Apples - Potatoes** Vie for Honors at 9th Show

FRANK GUY OF PELLSTON SWEEPSTAKES WIN NER AGAIN IN SPUDS; HOMER WARING OF ANTRIM APPLE SWEEPSTAKES WINNER

2nd Chas Radtke, Alpena. 3rd M. Simlowski, Caylord. 4th Wm. Duncan, Alpena. 5th Harold Haken, Alpena.

5th Harold Haken, Alpena. 6th, Frank Behling, Boyne Class 3. Any other late

Early Potatoes
Class 4. Irish Cobblers.
18t. J. D. Hobinson, Pellaton.
2nd. Geo. Sicather, Charlevolx.
3rd. Frank Debling. Boybe City.
4th. Chas. Herron, Alpena.
5th: Clarence Greenman, Elmira.
6th. Lee. Sheathen, Charlevolx.
7th. O. R. Cook, Van.
Class 5. Any, other, portets.

Class 5 Any other variety

2nd. Albert Gerke, Alpena. 3rd. Geo. Skilton, Gaylord. 4th. Geo. Poquette, Alanson. 5th. Frank Benling, Boyne City.

2nd Wm. Spepard Fast Jurdat 3rd G. B. twell, Johannesburg.

5th Earl Bason, Petoskey,—6th Frank Petoskey, Caybord

42th, Bernard Jakubiak, Alpena

1st. Presque lise County. 2nd. Emmet County. 3rd. Charlevax County. 4th. Cheboygan County. County Exhibit

Otsego County,

Cheboygun County

Otsego County Johannesburg. 4 Presque lale County

Charlevoix unity Wm. Shepar-

Antrim County Let, Stephen Ving, Alba: 2nd, Karl Lerson, Alba Ird, Lloyd Starks, Alba

3rd, Lloyd Starks, Alba. Certiffed Russet Rural Seed Patatoes 1st. Pearl Bonter, Poliston. Catas, Goodhart

2nd, Chas. Cetas, Goodhart 3rd. Fred Schmatzried and

Levering.

4th. Frank Guy, Pellston.

5th. J. D. Robinson, Pellstor

6th. Mark Demerest.

9th Harry Behling. 10th. Reisner Bros. and Hopp Certified Irlah Cobbiers

74h Frank Demerest

8th. Elias Luesing, 1

Baking Potatoes 1st. Harry Behling. 2nd. Frank Behling. 3rd. J. Fred Brudy.

5th. A. H. Evers, Petaskey.

Best Potato
Robert Bonter, Peliston.

Robert Bonter, Felision.

Apple Trays
Macintosh

1st. Homor Waring, Kewadin
(continued on last page)

4th. Mark Demeres

7th Rollins Risk, Petoskev.

notations; 1st. Fred Brindy, Wolverine.

Beginners Class
Class 6, 752 potatoes)
1st. Allan Taylor, Wertz

4th Paul Pernie, Alpena

Apples took the lime light at the Hawks Ninth Annual Top O' Michigan Po-tate and Apple Show held at Gaylord 3rd

hast week.
Nature fevored the Top O' Michigan last year with beautiful sun-shine mixed with sufficient rainfail so that apples of highest quality with bright red cheeks hung heavily from the thousands of apple trees in this

The apple growers, quick to sense the opportunity of making a little extra cash in the way of Premiums, selected their best and literally brought them to Gaylord in truck ads, and they were amply repaid.

When all entries of apples were in there were just four hundred two. This was more than twice the number rins was more than twice the number exhibited last year, when only 158 entries were made.

The poteto men were also anxious

to show their ability at showmanahip and did not, in any way, show the ef-fects of the agricultural depression. Possibly the attractive premiums offered were responsible in part for the 361 entries of potatoes. Twenty dollars for the best peck looked considerably more attractive than eighteen cents a bushel for U. S. No. 1 table stock

at the local warebuides.

Of course the quality was much better, in fact far superior to the U.S. Fancy grade. When John Fucker, judge finished his talk he remarked that it was one of the best potato shows, devoted primarily to Russet kurais, that he had ever

judged.
Frank Guy of Pellston, was the outstanding wither in the potato chasses, having won the sweepistakes for the second consecutive year and to grower within the 100 of all only of reflacting wither in the potato classes, having with the potato classes, having with the sweepstakes for the second consecutive year and solving points. Yield, Quality, and cash premiums, silver loving cups and consecutive year and solving points. trade prizes.

prices.

Albert Dietz of Hawks, 627.1; Mc. ginners; six county; twenty-five certs in many respects the two go hand in hand, particular when the total Townsend of Gaylord, 600.4; A. Peproduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in the United States is winski of Gaylord, 600.4; A. Penroduction in t fied Irish Cobbier: two any other westery of certified ten baking eleven best potato; ninety-sever

junior exhibits.

In the apple classes there were in hundred eighty-three plates; ninet; trays; fifty-seven bushels; seven o'lections of fifty; twenty-four fancy
packs; and forty-one best apple.

The complete first of winners in the
potato and apple classes is as for-

A complete list of winners at the show is as follows; Potatoes Class 1 - Russet Rurals (32 pot

1st. Frank Guy, Peliston. 2nd. Allan Taylor, Metz. 3rd. Adolph Reisner, Hawks.

Hawks.
Ath. Wm. Shepard, East Jordan.
7th. Harry Behling, Boyne City.
8th. Frank Rotter, Alanson.
9th. A. N. McDonaid, Millersburg
10th. Wm. Reisner, Hawks.
11th. Geo. Boawell, Johannesburg.
12th. Wm. Reisner, Hawks.
13th. Mark Demerest, Johannesburg.

ourg . Class 2. White Rural (32 potatoes). 1st. Relater Bros. and Hopp.

Potatoes and Apples In Show Competition For the first time in the history

The show Premiums were effered or exhibits of Alfalfa seed.

This new feature of the Show atscreed eleven alfalfa growers of the

Ton O Michael

Six of these exhibited certified
seed while five brought in uncerti-Mr. H.-E. Decker, in charge of the Certification work of the Michigan

Crop Improvement Association in cd the exhibits and declared H.

declared H. L.

Ostrander of Afton the first prize winner in Certified classes and the sweepstakes winner.
The aliana seed was judged on the basis of purity, color and laster, free-dom from damaged seed, maturity and unformity. Its of winners in this division were as follows: Certi-

32 putations

1st. Frank Behling, Boyne City,

2nd. Albert Gerike, Alpena,

3rd. Geo. Coultes, Gaylord,

4th. Hugh Heynig, Harbor Springs fird Alfalfa Seed 1st, H. L. Osfranc er, Afton: 2nd, Albert Deitz, Rogers City: 3rd, Fred Katoma, Glennie: 4th, A. F. Longpre, Curran; 5th, Mrs. Jennie Thomas, Afton: 6th, O. R.

Mederick, Glennie.

In the Common Classes winners were: tst. S. P. Hertzler, Glennie: (Continued on last page)

Annual Banquet

The annual banquet held in connection with the Pointo and Appl Show was well attended and a good

program was presented.

Three hundred farmers and business men sat down to a business men satisfaction of the business of Caylord.

President Gehrke of the Potato Show introduced L. S. Baldwin, man-ager of the Antiom Iron Works of Mancelona, who presided and very ubiy as togstroaster.

Ecculing everything moving along in splendid manner. Mr. Baldwin in troduced as the main speaker Pro-tessor E. L. Austin of the Michigar State Cillege, following a brief address of welcome by Felix Reaums Mayor-of thyport. 6th. Alpena County.

County Sweepstakes

Emmet County Frank Guy. Pell.

tredussife Austin is the head of the Lepartment of Education at that in stitution and gave a splended talk of the Austin State and the or Fig. 1. Fig. of on our yeath."
"The school the church, and the

home are the friumvirate that con-irols the destiny of our country," he emarkeet, Professor Austin land particular em-

Metz.

Alpena County - R. J. Gebrie. phase on the costs of full school sys-tem and pointed out that even though those scenied charmage we were Alcona County 1st. Haymond dair, Harrisville; 2nd. Samuel Lilly. spending only five cents per day per capita in the United States for our school children. Montmorency County 1st, Albert Weekler, bewiston, 2nd, Osmo Fynnon-en, Lewiston,

lar spent for schools in Michigan we spent five deducts for come control and six deducts for automobiles. There are 33,000 public schools in dichigan exclusive of private of

date schools and that over 1,000,00 he stated

The concluded his remarks with the

statement that in 1928 over \$149, 000,000 were spent for operating expenses of Molingan Schools with an et ataskat investment of \$249 000 000 The then is the largest industry in

continued on last pages

TOP O' MICHIGAN GROWERS ARE BEST

Any Other Variety of Certified Seed 1st. J. Fred Brudy. 28d. Frank Behling. Tip C Midigan territory contain the per cent of the contilled seed polation guess of the state and 67 per of the state acreage during 1931 This steam produce over 75 per cent the of the certified seed. In the New Madagan Standard Po-

tato Club seven counties in this are: have 21 per cent of the members and 24 per cent of the state acreage. This deby stys the progress the Pop Michelisti growers have made dur ing the last decade

Alfalfa Seed Joins J. Tucker Explains Use of Good Seed

PREPARATION OF SEED BED ALSO MOST IMPORTANT FACTOR

Bottora nute Mr. Tucker judged the putatoes at the Arnth Annual Top of Michigan Potato, Apple and Beed Show and appeared on the program on several occasions. We print be low the paper prepared by him:

The potato occupies fourth place in the value of all field crops grown in Canada, being exceeded only by wheat, oats, and the hay and clover crops. The average area planted to crops. The average area planted to potation for the past ten years was 384,000 acres. The average crop is estimated at 84,000,000 bushels per annum. The value of the crop averages \$60,000,000 per annum.

The distribution of the crop is roughly as follows: 28.2 per cent in the Magitime Provinces (Prince Edward Island, Nova Scotia and New Brunswick): 30.5 per cent in Quiebee.

Brunswick); 30.5 per cent in Quebes; 21.9 per cent in Ontario and 18.4 per cent in the four Western provinces. This works out roughly at 20 bushels per capita for the Maritimea bushels per capita for Quebec, bushels per capita for Ontario and oushels per capita for the Western provinces:

Annual Banquet

Was Big Success

BALDWIN MADE IDEAL TOAST.

MASTER AND KEPT EVERY.
ONE HAPPY

ONE H marks is confined to poisto produc-lium in the Maritimes as it is obvious-ly impossible to cover general prac-tices over such a wide area as the Dominion in the limited time allotted

to the subject.

Whether potatoes are grown for eed purposes or for table is essential that only the very best seed be used since good foundation stock is the basis of good crops and profitable markets. The production of high quality potatoes requires special care in the selection of seed. borough methods of control of dis-ases, good rich well drained, loose. riable soil, good cultivation, and the (Continued on page \$)

first in Contest

SECOND YEAR THIS CHOIR HAS LED FIELD EIGHT COMPETE

For six years there has been a cheir singing contest held in connection with the Top O Michigan Pointo, Apple and Seed Show, under the auspices of the R. E. Olds con munty singing tolld," Each year the quality of the singing has been comnented on an showing great in

- This year there were but eight clears competing, three failing to show up, and again Benzonia, winner of the contest last year, took first place, the only time

as won two firsts

To describe the work of each choir would be impossible. There was much praise in onch one, according to the judges, Prof. F. J. Killeen, as signal, director of the institute of Music and Aris at M. S. C. and E. C. Souve, professor in the agriculture of according to the professor in the agriculture. al engineering department of M. S. C. and thrector of the Orpheus Club. Both are accomplished music directors, with a wide experience that was acknowledged by all choirs com-

The choirs in the order they were drawn, were as follows: Vanderbilt, Alanson, Empire, Benzonia, Kaleva, Bellaire, Atwood and Herron, The winners were Benzonia, Kaleva, Vanderbilt, Atwood, Herron, Bellaire

Empire and Alanson in the order named, and each one received prize money all is significant that none of the larger communities were present, and continued on last page:

Potato Grower Helps Solve Large Problems Mr. J. D. Robinson, one of the year-

ly exhibitors at the show, and one of the money winners every year this maker that advantage of the low prices of farm e mitodities and un employment to the mutual advantage of himself and the men dealring work.
Last year J. D. Robinson of Pellston, at the time when the drought was materially injuring his poteto crop, hastily devised an irrigation system that gave results to the tune of a 60 hundel increase per acre by an application of 4 inch of water per acre. This year, although he still believes in irrigation, he did not go to the expense of setting up his equip-ment as all indications pointed to low price potatoes that would not warrant this tadditional cost.

At the beginning of this season conditions in Peliston, near where Mr. Robinson's farm is located, were none too gold. Pellston, an old mill town, had many seeking labor. This fact, together with the banks being "tight" in extending sredit, caused Mr. Roinsent to set up a scheme of trading

labor for farm produce.

With 24 seres of potatoes, a good grain acreage, a flock of sheep and a (continued on test page)

Proprietor

BER 46

CHRISTMAS

d 13 beautiful uway at our as morning. ued from \$1.50 going to give ittle girls rember of votes 21st and 10 lve, December 10 o'clock. nt at our store ted above, each vote. Ask all

– put it into Rexall Store, EMBER (5-2)

Hely by schools, hops. The cen-Week this year Norld in Books" hip thru childost every counielves of Ameriook tours must ar own country. esting range of giving boys and ary of American

public libraries ry have arrang-he World Book d week in Novwis are planning

nning to include 's books on their

be fittingly ob-

eatre ING_{i}

RAM Tith Tonly Baxter

CO-K105 No. 10 .EGION" feat Carey and

day, Nov. 15-16

Helen Hayes F MADELON fednesday, Nov.

5 HIGH" l Friday, Nov dlier, Jr.

I SCENE e Seriesrica,

esen hicago

rızed any well not

Show Room, Top O' Michigan Potato, Apple and Seed Show



the readers of the Top O' Mich

using this supplement

Alpens News Bellaire Record

The Boyne Citizen Cheboygan Observer Cheboygan Tribune

Crawford Avaianche

Charlevoix Counter Charlevoix County Herald Central Lake Torch Elk Rapids Progress

Emmet County Graphic Ellsworth Tradesman Montmorency County Tribune Mancelona Herald

Oscoda County News Otsego County Herald Time Onaway Outlook

Petoskey News
B. E. Musgrave, County Agricultural Agent of Kalkaska County is using 500 to circulate to farmers in his county.

Mr. Johnston judged the apples at the Ninth Annual Top O' Michigan Potato, Apple and Seed Show.

Ruining Orderly Sys-

omong the formers of the Top (Michigan as to their responsibility to

Some truckers insist that the farm

with the Michigan State Department

"It shall be uplawful for any per

son, firm, association, organization trucker buying for resale, or corpora-

sel), transport, deliver or consign of

have in possession for resair, trans-port, delivery or consignment for in-

tre tale commerce, potatoes prepared for market in other than retain

and accompanied by a fee of one dol-

the power to permanently revoke

such license for cause."

It is evident from this that the

farmer does not need a license to sell to truckers or local dealers.

It has also been rumored that many of these truckers, who are not liable

or these trackers, who are not lable, come into the Top O' Michigan for potatoes, then use the tags on inferior potatoes further south that he is able to buy at a lower price. This, of course, is unlawful, but it is difficult for the small crew of inspectors of the Department of Agriculture to each all the relativesters.

It would seem more desirable and

undoubtedly of greater value to the community for the potato growers to sell direct to their established dealers

will assume all responsibility for

culture to esteb all the violators

nense in order to

to this ex

tem of Marketing

Small Trucker Is

Alcona County Herald

Win Tun

There are 25 p service that e heed at the opp Come in and le ber 30th we off



Have Yo Car Winte Tuned

Leo S

SCHOOL NO

Juniors Take Championship

The Juniors overwhelmit fraced the eighth grade in the series. The eight boys were decidedly outeln Customan patched for the Juniors. Both pitchers h amente, but Shocky pite bust game. The Junior field port while the eighth grad had poor support from his t championship. They have p players in their rostrum.

Foods And Their Us Last Thursday, the studen called to the assembly to : the first of a series of talk given by the various Doctor community. These talks are a general health program; by the University of Michifirst talk was given by Dr. talk took about half of the ter which the students went first hour classes where each had the students write a Or. Clippert's talk. The then chose the best of the and gave them to Miss Bo selected the following pape

In discussing foods the sential is a definition of fo is defined as any substance when taken in the body

life.
There are different classes the first being water. V found in most abundance faily water drank. It is al green vegetables and waters is the most important of fo

cause it nelps to take the of through the body by means blood, helps the body to waste, helps the swent glai helps do many more i cause it helps to take the of Next in importance is fat

found in any fatty substant essential for the obtaining o which in the body is heat Another type of food is drates which are made up and sugar. This type, found tables loan meet sten urnd

ergy. Proteins, another type is eggs, milk, vegetables, etc. is not needed in as great ty as the other above t

It is very essential to tain minerals in a balanced they are not the heart; t heating. These minerals phosphorus, iodine, calcius are found in grown was ar spinsch, fruite, de The last type or division vitamins. We do not k

TOP OF MICHIGAN POTATO, APPLE AND SHED SHOW SUPPLEMENT

Small Fruit Offers

(continued from page 1) southwestern part of the state. grow black raspberries near grow black raspberries near the Cuthbert plantings of Northern Michigan would also create a much more serious disease situation. Mild mosale often spreads from red to black varieties causing severe stunting of the latter. There are also many wild red respectly plants in the northern part of the state that are inored with mild mossic and the feeted with mile mostle and inse-plants would serve as a source of in-fection to the black respheries plant-ed dearby. In view of the importance of the red rapperry industry in Northern Michigan and the question-



STANLEY JOHNSTON

while regime of the black reapherry would be well to consider all factors very carefully before engaging the growing of black raspberries. they should be planted they should be well isolated from all kinds of re-

Jordan Valley Co-Op. Creamery

MANUFACTURERS OF Quality Creamery Butter

Owned-and-Operated

FARMERS

East Jordan, Michigan

Small Fruit Offers
Opportunity Here

Taspberries.

"It seems needless to say that good cultural operations are very inccessary in successary responsible responsib grown fruit plant, unless it is the peach, will show the ill effects of poor care as quickly as the respher-ry. The plants are very sensitive to soil conditions, and they are also soil conditions, and they are also subject to several diseases that can-not be controlled by spraying. There is abundant opportunity to use skill-and good judgment in growing rasp-berries successfully, and, while the grower will not make the sensational stage that a parth grower matter time ing occasional years, his business is more stable and he is fairly certain of a moderate income such vary.

Strawberries

"There is one phase of the Arawberry attention that helds considerable promise to Northern Michigan growers and that is to supply the late market. Prices for strawberries show a marked increase late in the season due to the fact that the large producting district to the south are producing districts to the south are through shipping. Some Southern Michigan strawberry growers have already realized the situation and have established plantations in the northern part of the state. Undoubt-edly the attempt to meet the demand for late strawberries will result in additional plantings being made in Northern Michigan.

"The two limiting factors in straw "The two limiting factors in straw-berry growing in the northern part of the state are frost and drought. Some protection against frost can be obtained by selecting proper sites and by the use of mulch to delay blossoming in the spring. Drought has always been a serious factor on the higher soits in Northern Michigan, but these same soils will pro-duce fine strawberries if sufficient water is available. The Agricultural Engineering Department of the Michi-gan State College is now attempting to develop a cheap and efficient means of irrigation by the use of porous canvas hose: growers in all parts of the state, especially those in light soils, should give serious thought to establishing some means of irrigation.

Bluebergies The Department Horticulture has been willying on investigation work with blueberries for several years at the South Haven Experiment Station. Most of this work has been with the highbush species as the varieties developed by workers as-sociated with the United States Department of Agriculture are of this type. The highbush type is not found asturally in Northern Michigan and it remains to be seen whether or no it will be able to adapt itself to the growing conditions found there. In the meantime, selections of superior types of lowbush bluoberries, the type that is found naturally in Northern trial as soon as a supply of plants can be propagated.

"The blueberry is one of our most popular small fruits either in the popular amaii fruits enter in the fresh state or canned. The supply at present does not fill the demand. Michigan has large areas of land adapted to the culture of both the low and highbush types, and the pos-sibilities of developing a profitable blueberry industry in the state are

very promising.
"It should also be mentioned, in conclusion, that the tourist and retort business now canks as one of Michigan's greatest industries. Nor-thern Michigan receives a great share of this business. Small fruit growers In-this-section have a splendi opportunity of realizing considerable revenue by catering to this trade."

Fertilizer Pays The Potato Show Association wishes to express their appreci-ation for the spiencid cooperation given by the newspapers in get-ting information concerning the Big Dividends ting information concerning the Show to the readers of the Top O' Show to the readers of the Top O', Michigan. Not only have they devoted many columns of news weekly but the orders for this supplement have exceeded any previous year. A total of 25,000 supplements were printed, all but 1200 going to the readers of the Top O' Michigan.

KENNETH OUSTERHOUT TËLLS OF THREE YEAR EXPERI-MENT IN ANTRIM CO.

Eating your cake and still hav-ing it" is a time old expression that has a very significant has a very significant application to the nifatin fertilizer plot at Dan Makel's farm between Alba and Man-CHARLES TO THE PARTY OF THE PAR

if somebody had told Dan Mikel that he could apply fertilizer to a spring seeding of oats and aifalfa in the spring of 1928 and get sufficient increases in yields to pay for it each of the following three years he would have politely told you to go straight to Traverse City where they provide tur such indigents.

However, Mr. I. J. Mathews of the V. Potash Co. knew it would pay and was willing to furnish the fertitiger for the test. Makel believing that he had nothing to lose and everything to gain consented to the test and gave his cooperation. Today Makel is thoroughly con-

verted to the use of fertilizer in al-taits. Who wouldn't be after living with those plots for three years? They have a way of speaking that is Hent but more powerful than words.

Makel's soil is a Rubicon Sand, one

vell adapted to the growing of aifal fa and potatoes. It's on this type of soil that much of the certified seed potatoes of Antrim County are pro-

One crop each of the past three years have been harvested by Mr. Makel because of drouth conditions following the first cutting. Prospects are good this year for a second cutting.

During the past three years the check plots (with no fertilizer) have Considerable discussion prevails produced 6320 pounds of dry hay salued at \$47.40. The plot having an application of 425 pounds of 0-16-0 produced during the same time 9606 proper grading when selling to truck-ers who dome up from southern Michigan cities and buy direct from the farmer on his farm. produced of dry hay per acre valued at \$72.04. Allowing for fertilizer costs a premium of \$19.38 was realized for one acre. Where 0.16-8 was used 10,393 pounds of dry hay were produced valued at \$77.94 giving a premium of \$23.36 over fertilizer costs for one acre.

for one acre. of Agriculture and we reprint here-with the regulations covering the handling, mading, shipping or trans-The greatest increase in return re suited where 425 pounds of a 0-16-16 fertilizer was applied. This treatment produced 10,963 pounds of dry hay valued at \$22.21 giving a pre-mium of \$25.71 over fertilizer costs. porting of potatoes in truck or car-load lots, as contained in Act Num-ber 2271, Public Acts 1929:

Where can a farmer turn for a petter place to invest his money and labor than to plentifully fertilizer his tion, or agent, representative or as-sistant of any person, firm associa-tion, organization or corporation to new seedings of alfalfa. A money return of 300 per-cent in three years is not to be over-looked by the progressive farmer and dairyman. pack for resaic, expose for resale, or

sell, transport, denver or consign thave in possession for resale, transport, delivery or consignment or have in possession for resale, trans-Berry Production Will Increase In-Next Few Years

of raspberries will increase greatly during the next few years within the

quantities without first securing from the commissioner of Agriculture, by making application therefor upon a blank to be furnished by said official

las, a license to grade and load pota-toes, which license shall be renewed annually. The Commissioner of Agriculture, may suspend any such point, where by cooperative action license temporarily for failure to a car lot or more a day could be license temporarily for failure to comply with the provisions of the act sent to Detroit, or eastern cities, such as Philadelphia, New York or Bos-ton.

or the provisions of the act govern-ing the grading of potatoes or any-rules or regulations made by him as herein provided for, and shall have Investigations are now being made as to the market possibilities an competition offered in those cities. Then too the increasing resort business offers a ready market for

ed.
There are plenty of good growers Also, the potatoes that are sold to Also, the potatoes that are sold to these truckers do not have to be "properly graded and tagged" but the truckers may require the farmer can get a start from his neighbor. It looks like a sure thing in the Top to go to this expense in order to make the sale at a price supposedly above market quotations. The truck-er, however, who offers them for re-sedle must have the potatoes properly tagged and graded. That is why he usually requests the farmer to do it. O' Michigan and will work with potatoes and dairying.

The average yield of potatoes in the United States is lower than any other country except Italy.

Hankey Milling Company GAYLORD

POTATOES GRAIN **FLOUR** COAL

grading and packing. 52 years in business The small independent trucker has demoralized the orderly system of marketing, which is so essential to the welfare of the farmer. Let's Trade

Use Our Certified Farm Seeds For Profits

ANTRIM IRON CO., MANCELONA BURDETTE CRANDELL & SONS, BELLAIRE

FRED CRANDELL, BELLAIRE GOLDEN GLOW CORN - HARDIGAN ALFALFA MRS. IDA DEARBORN, BELLAIRE HARDIGAN ALFALFA, WOLVERINE OATS, ROBUST SEANS ROLLAND LESSARD, BELLAIRE

JOSEPH LESSARD, BELLAIRE GOLDEN GLOW CORN

Over \$1,700 In Prizes Were Won By Mich. Farmers

On page one of this supplement will be found a complete list of win-ners at the Ninth Annual Potato, Apple and Seed Show.
It may be interesting to the read

ers..to..know..that..very substantial prizes were offered. Over seventeen hundred dollars were won by Top O Michigan farmers.

A partial list of prices are as fol-

Russet Rural Potatoes, open class, \$75.00; thirteen places. First prize

Beginners Special-\$50.00: twelve places. First prize \$12.00.

County Sweepstakes—\$120.00; each county has a chance to win \$10.00

each.
County Exhibit—\$170.00; twelve places. First prize \$30.00.
Certified Russet Rural Seed\$100.00; ten places. First prize

\$25.00. In the Apple Classes \$77.00 is of fered for classes of plates; \$202.00 for classes of trays; \$76.00 for bushel lots; \$25 for collections of 50 apples; and \$15.00 for fancy packs. In the Junior Division over \$150.00 is offered for 4-H Club and Smith-

Hughes students alone.

A new division of alfalfa seed paid \$37.00 in prizes distributed through

ten places.
In all there were prizes offered as

Potatoes - 125 Prizes. Apples — 93 Prizes. Junior — 49 Prizes. Alfalfa — 10 Prizes. Contests - 29 Prizes. Those farmers who visited and

participated in the show found it very much worth while. We are sure they will return next year. L. L. Drake Very Optimistic Over Michigan Spuds

L. L. Drake, County Agricultural Agent of Otsego County-at-Gaylord, refuses to get pessimistic over the

present potato situation.
In fact he is very optimistic about the Russet Rural Potato and we believe he knows what he is talking Bout when he writes:

"Have you discovered that these tipe, smooth, early-planted russets are good to eat? If not just pick out some nice bakers and give your atomach a treat. Guaranteed to cure any case of dyspepsia or grouch. You even torget about the depression. The much advertised Idaho bakers tue haven't a chance in any fair and open

competition.
"There are certainly pleasy of rinere are certainly pleacy of inapcialty able people who would pay a sweet price for these spuds if they only knew about them and we could do a little bragging to outsiders and our dealers could push them a little and just possibly we might get something started.

"Bu the way we are not the only

By the way, we are not the only

ones who are being pinched by the low price of potatoes. According to reports, up in the Aroostook Co., Maine section, growers are getting lear than 40 cents for sleven peck

Otsego County is one of the leading apixto counties of Northern blichigan and we believe the farmers of his county should heed his sug-

Potate profitsgreat this year but no potato grower can afford to quit. Other commodi-ties are no better.

potato growers to shoot at John Gredig of Colorado recently dug 1,069 bushels of Bliss Triumph potstoes from a measured zore of land. This is the largest yield of this variety on record. Good seed, well pre-pared seed bed and late digging had much to do with this remarkable yield, according to Mr. Gredig.

FARM SUPPLIES

Mr. Farmer-We can save you money on al-most all of your farm supplies such as seeds, feeds, etc.

See Us For The NEW LOW PRICES

Otsego County Co-Operative Ass'n. GAYLORD, MICH.

BUILDING MATERIAL

FARM -- HOME RESORT

Johns-Manville Asbesto ofing. Shingles and siding. Celotex Insullation Red Top Plaster and Huron Cement 4-Square Lumber Veeneer and Presdwood

Let us estimate your building needs Gaylord Lumber & Fuel

Company

Gaylord Wolverine MICHIGAN

Charlevoix Co-Operative Ass'n.

FARM PRODUCE, FLOUR, FEED, FUEL AND FARM MACHINERY, GAS AND OIL

Buy your winter's supply of coal and receive a "Pai" Lantern for every member of the family.

TELEPHONE 73

-Charlevoix,

Michigan

-For Sale-

6,000 acres of hardwood land, sandy loam with clay and gravel sub-soil. In the best agricultural section of northern Michigan. This land has been certified by the State of Michigan as agricultural land.

Will grow anything adaptable to Northern Michigan. Part of this land recently lumbered. Lots of fuel still left. Part is clear.

\$2 to \$10 per Acre

Located in Charlton Township. Otsego County

Johannesburg Manufacturing Co.

Wm. Raae, Manager JOHANNESBURG, MICHIGAN

I. K. Lichty, Mgr.

ALBA SEED GROWERS, INC., Alba

Coal

C. W. Wing, Mgr. FARMERS MARKETING ASSN., BELLAIRE

L. G. Van Liew, Mgr.

FARMERS MARKETING ASSN., Central Lake Dale Burns, Mgr.

Louis Olson, Mgr. ...

FARMERS MARKETING CO., Mancelona

Antrim County Farmers

When you are in the market for

Spray Materials Fertilizers Potato Storage Seeds **Feeds**

Flour

Patronize Your Local Co-ops.

FARMERS MARKETING ASSN., Elk Rapids

ELLWORTH FARMERS EXCHANGE, Eilsworth Bernie Klooster, Mgr.

mial acreage is entered for impretion with a view to certification, due largely to the keen demand for seed from that province. But taking an-other province, New Burnswick. which is principally a commercial table stock area, we find also that a



JOHN TUCKER

very large proportion of the crop is

Sweet Clover

Buy your White Blossom Sweet Clover Seed from Northern Michigan farmers.

Recleaned and Scarified

State Analysis on Every Bag

99% and better purity \$5.00 per hundred

> f.o.b. Boyne City ASK FOR SAMPLES

Offer good until December 1, 1931

Boyne City Cooperatve Co.

F. W. DILWORTH, Mgr. Boyne City, Mich. --



Experienced buyers and Government in-spectors know that potatoes and onions marked "Boggs Graded" will not-vary 3% in size from Government grades and that they will not be bruised or injured

that they will not be a supported in grading.

Consequently, "Boggsmachine-graded" potatoes and onions bring higher prices. In one operation you can grade No. 1's and No. 2's and remove culls and





spection work, it appears that shout half the seed growers treat their seed before planting while the re-mainder depend upon planting slean seed in soil kept free from injurious fungeus and inact pests by the well known methods of crop rotation. Crop totation is generally practiced

and a proper balance between the mineral elements of the soil is there by maintained. The land is manur-ed with about ten loads barnyard manure where available, to the acre or has a good clover crop turned un-der, and is further liberally supplied with fertilizer.

The seed bed is thoroughly pre-pared before planting for no amount of after tillage can overcome neglect in preparation. Mechanical planters, with fertilizer attachments are used to plant the crop and the land is left slightly ridged. Cultivation methods yeary considerably. In some areas vary considerably. In some areas the drag harrow is used just as the tops begin to appear, in others the tops are allowed to come up one or two inches and are then buried one the land being left sharply ridged.
This disposes of the weeds and allows a good root growth before the tops again appear. In this the method differs from other parts of Canada. but it appears to work well under the eastern conditions. Hand weed-ing is not practiced, nor is it neces-

Stry except in rare cases.

Growing conditions are usually, good and the crop makes rapid growth. The tops are sprayed from six o ten times using Bordeaux Mixture vith Calcium Arsenate when requir

Harvesting commences early in October and a considerable part of the crop is graded immediately and snipped out, the remainder is put instorage on the farms or at the warehouses and the grower is paid for the No. 1 potatoes accepted. The cuils can be taken away if desired.

coils can be taken away if desired.

Compulsory grading and marking of all commercial table potatoes is in effect throughout the Dominion and is summinetered under Federal authority by the Dominion Fruit Branch under the Root Vegetables. Act. The grades in effect are known as Canada Fancy, Canada No. 1, No. 2 and No. 3. Under actual practices hothing below No. 1 grade is shipped out from the Maritimes. The No. 2 grade is used to some extent in other districts but plentiful supplies of No. 1 potatoes have killed the demand for the lower grade and it is gradualfor the lower grade and it is gradual-ly disappearing from the markets. There is no demand for No. 3 grade and it will procably be discontinued.

and it will probably be discontinued.

Compulsory tracing and marking is also in effect on seed potatoes. There are two grades only, "Certified Seed Extra No. 1," and "Certified Seed Small Size "1": aunces." It is an indictable offense under the Federal Destructive Insect and Pest Act to advertise or sell uncertified potatoes as seed potatoes or see any kind. toes as seed potatoes or use any kind of "seed" tag...likely to mislead an unsuspecting public. Growers, dealers and associations are permitted however, to attach their own tags or brands, but such may only be done when in addition the official certi-

fication tag is present on the contain-er. Any other kind of potatoes may be used freely by anyone for seed purposes, but certified seed only may

This Hardie Superior combination row and orchard sprayer delivers

10 gallons per minute at 350 lbs. pres-

Hardle potate sprayers are up-to-date specialized out the big capacity and high pressure which are now vital to profit in commercial potate growing. Hardle variety of models from the 10-row tractor-powered

The Hardie Manufacturing Company

<u>Dependable</u>

J. Tucker Explains
Use of Good Seed

(continued from page 1)
most careful handling, storing and grading of the crop.

The high value placed on good seed by the most progressive growers, is evident in the fact that in the province thrines between the first practiced by a large number of growers. From actual figures obtained in the course of in specifically two-thirds of the seed growers that about the seed growers treat their half the seed before planting, while the re-

In Regular Diet

(continued from page 1) porato furnishes enough bases to neutralize the acids of two average slices of roast beef. If we should substitute rice for polatics III such a meal we would find that while rice not counteract the acids produced by the meat but rather increased them.

"If the housekeeper is keeping an eye upon her grocery bill, as a thrifty one does, she will see that a home grown food will be cheaper than one which has been processed and ther shipped, or put up in a fancy pack-age. The woman who is on the alert for bargains will also remember that a bargain is only a good one if she remembers the food calories she buys

sody. Folkios are about equal to whole cereals in the iron they furn-ish. They give slightly more phos-poms than do raw carrots and more calcium than that furnished in hom-

by an average baked potato is 100.

A level tablespoon of butter; two tablespoons of white sugar; 12 to 15 almonds, 4 to 5 dates; one large apple, each represent 100 calories of other well known foods. We me readily see that the eating of a baked potato (without counting the butter used on it) would not necessarily be fattening, or if we count a generous serving, of butter it would not add more calories to the diet than an apple sweetened with two tablespoons

"Our experts in nutrition have been emphasizing the use of two vegeta-bles besides potatoes every day as the best diet.

"Since potatoes lack a pronounced flavor of their own they harmonize with foods having a positive taste and we do not tire of them as of

how to bake, steam or boil them properly. Baking potatoes in an oven 450 to 500 degrees F. is the best method from the standpoint of conserving all the nutriments. The high temperature thoroughly cooks the starch by generating steam from the moisture present.

"Steaming with the jackets is bet-ter than paring and then ateaming. The process takes a little longer but preserves the flavor and minerals which are present. Boiling in hot, salted water with the jackets is per-

salted water with the packets is perhaps the next heat method.

"Losses in nutritive value in the cooking of potatoes come from the following causes:

1. Paring—cutting away of good

food material.

2 Soaking in cold water before cooking. Experiments show 9 per cent last in this way.

3. Putting potatoes to cook in cold

water instead of hot

er. Any other kind of potatoes may be used freely by anyone for seed purposes, but certified seed only may be advertised, sold, etc. as seed potatoes.

The growers have learned that it is not the quantity they place on the land see the latest styles in potatoes.

The use of fertilizers, the selective breeding of pointoes, the chemical and the other nine treatment of seed for scab and other per cent decrease. diseases, have made great change in the varieties offered for sale an

the quality.
"In general, for boiling or baking a mealy potato is desirable while for french frying a more waxy con-sistency is best. Authorities do not agree as to what causes mealiness. In experiments carried on in Rhode island they found that mealiness was not necessarily due to high march content nor to low nitrogen: "From the housekeeper standpoint,

ahe wants potatoes that are of aveeyes and of uniform size.

cooking them properly we may be assured a yelicious addition to nor meals and by our use of Michigan grown polatoes encourage the grower to further improvement and development of better verteines for all velopment of better varieties for al cultuary purposes."

Increase In Alfalfa Acreage Needed In State

for bargains will also remember that a bargain is only a good one if she remembers the food calories she buys as well as the minerals and vitamins that are there.

"Let us look at the food value of poistoes. The minerals iron, calcium and phosphorous are important in the body. Potatoes are about equal to

"We could use a lot of alfalfa for pasture. About 50 per cent of the growers of southern Michigan are using some alfalfa for pasture this year. At the Kellogg farm, experiments have shown alfalfa to be far ahead of everything including sweet clover and beavily fertilized nesture. clover and heavily fertilized pasture grass mixtures.

"Another opportunity for the alfal-"Another opportunity for the alfalfa grower is the production of seed. Least year we produced in Michigan only enough alfalfa seed to-meet the requirements of 10 years ago. The per acre income from Hardigan alfalfa seed last year was \$15. The average income from all alfalfa seed was \$45 per acre which is way above the cost of production. I do not look for the time for a good many years when two bushes of clean alfalfa seed per acre will not make a good profit.

"There is no need to fear over-

"There is no need to fear over-production. Of the 10 leading alfal-ta states, all except Michigan sowed less acreage to alfalfa in 1931 than they did in 1930. Michigan had a f

Central Hotel

John W. Gocha, Mgr. GAYLORD, MICH.

GOOD

CLEAN

ROOMS

REASONABLE RATES

Northern Michigan is well adapted Northern michigan is well adapted to growing situate and has gained a fine reputation as a producer of high quality certified situate seed—both Grim and Hardigan.

Last year alfalia seed was exhibited and competed for a silver-loving sub. This year substantial

doving cup. This year substantial cash prizes were offered in addition

Slight Increase In Potato Shipments

Photo with he a slight increase in supplied this year if New York are correct. For the com the year the later estimated potato shipments for the United States will be approximately 200,000 cars. Last year there were 257,796 cars and the News estimated 258,000 cars

The estimate for the ten leading states this year are as follows: Maine, 50,000 cars. Minnesota, 20,000 cars.

Virginia, 19,000 cars. New York, 15,000 cars. North Carolina, 8,700 cars. California 8,000 cars Nebraska, 8,000 cars. Michigan ranks thirteenth with an

NEW GRADE OF POTATOES

To obviate the difficulties arisin in those sections troubled with brown spots or streaks in the flesh of the potatoes, a new standard has been promuigated by the State Department of Agriculture and is known as "U.S. No: I Emergency." A brown tag will denote this grade. whereas, the regular "U. S. No. 1" grade calls for a blue tag.

NORTHERN LIME & STONE COMPANY

. Manufacturing Hydrated and Lump Pure Lime for all purposes

SERVICE---

that's what you want!

We endeavor, not only to handle the ordinary banking transactions promptly, but to go a step further and rend-er many other services, appreciated oftentimes because most un-

We solicit your account and know that you will enjoy bank-

Invested Capital over \$130,000.00

GAYLORD STATE SAVINGS BANK

GAYLORD, MICHIGAN

Dow Spraying Materials

Properly and timely applied assure you of maximum protection against Insects and Pungus

DOW SPECIAL POTATO SPRAY

Contains both poison and Bordo.

Polato Bugs are quickly killed and potato vines are kept free from discase-thus producing greater yields.

SEE THE DOW DEALER NEAREST YOU

The Dow Chemical Co.

MIDLAND, MICHIGAN

FACTS POTASH

A series of

21 of these

facts will

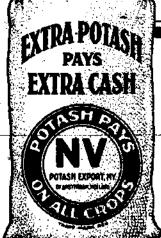
be sent you.

FRBE

on request.

Potatoes

yielding at the rate of 300 bushelsremovefromeach acre 96 pounds of actual potash, equal to 192 pounds of muriate of potash, or 533 pounds of fertilizer containing 18 percent potash.



You can now get muriate of potash in 100-pound bags. If your fertilizer man cannot supply you communicate direct with the address below.

> Tune in Radio Station W E N R on Tuesdays at 6:45 p. m., c. s. t.

N. V. POTASH EXPORT MY. Inc. of Amsterdam, Helland

Buckingham Bldg. Chicago, Illinois

IN, Editor and Proprietor

NUMBER 46

LLS AND DOLL

E GIVEN AWAY CHRISTMAS MORNING --

doll houses and 13 beautiful will be given away at our Store, Christmas morning. se prizes are valued from \$1.50 \$19.00. We are going to give to the fifteen little girls rethe largest number of votes November 21st and 10

Christmas Eve. December The awards will be made nas morning at 10 o'clock.
oach penny spent of our store
the period stated above the period stated above, each er may cast a vote. Ask all er may cast a vote. Ask an riends to write your name on that before they put it into that Box in our store.

& Gidley, The Rexall Store:

WEEK, NOVEMBER 15-21

ren's Book Week is an annual observed widely by schools, s and book shops. The cen-ome of Book Week this year "Round the World in Books" tional friendship thru child-ading). Almost every coun-id the globe has made contrito the bookshelves of Ameriand girls in recent years.
the world book tours must end with our own country, ide and interesting range of e available, giving boys and thrilling story of American

ores and public libraries ut the country have arrang-old Round the World Book d many schools are planning onal exhibits.

Book Week the local club is planning to include of children's books on their

Youk will be fittingly ob-

alto Theatre

PROGRAM day, Nov. 14th (only) Warner Baxter

THE CISCO KID

4760 pter 360, -20 € SHING LEGION" featikie <u>Darro.</u>

and Monday, Nov. 15-18 Stone & Helen Hayes

SIN-OF MADELON CLAUDED

and Wednesday, Nov. __17:18 .. scream

FLYING HIGH"

lay and Friday, Nov. Vm. Colher, Jr.

TREET SCENE" Jungle Series—"Un red Africa."

ıdesen Chicago

urized n any : well s not

There are ? service tha heed at the Come in a her sorti w

Hav

SCHOOL

Juniors Take Champ

frated the eighth untilt of the series. The Cushman pitched t Juniors, Both pitch moments, but Sheet best game. The Jungiving their pitcher had poor support freantpionship. They cellent games and I

in their rost Foods And TI Last Thursday the

called to the assemb given by the carrous community. These t a congrat health pro the University of <u>first talk was given</u> "Foods and The alk took about half ter which the studen had the students w or. Clippert's talk. then chose the best and gave them to ! selected the following best:

Food: In discussing food contint is a definition is defined as any when taken in the,

There are different the first being wa found in most abi daily water drank, in beverages, soups, green vegetables an is the most imports cause it helps to through the body by waste, helps the sw helps do many

Next in importanc found in any fatty essential for the obl which in the body i drates which are m and sugar. This typ mbles: less meat, t

ergy.
Proteins, another eggs, milk, vegetab ty as the other

It is very essen tain minerals in a they are not the beating. These m phosphorus, loding. are found in gree ar spinach, fruits, The last type of vitamine. We

they are in as to

BENZONIA TAKES FIRST IN CONTEST

(continued from page 1) act that all the choirs very large, considering the population from which they were drawn. Bel-If the was the largest town represent-ed, with a population of but 517 peo-ple. It dwindled down from that to two open church choirs in country communities, with a very small popu

Kuleva made the tarthest trip to attend, coming a distance of 125 miles. Empire drave the farthest hough the distance is but of smiles

courses at M. S. C. was chairman of the opering this being his third year here in this capacity. The largest crowd of record was

present, the Gaylord Auditorium was crowded to capacity, with many being unable to get within the doors The audience was estimated at 650 There were 153 singers in the differ

Most of the choirs sang without an accompaniment this year, and none used the piano on the song serected by the college.

SPEICAL PRIZES OF THE SHÖW

Silver loving cups and special trade of the prize tist at the show. The fol-lowing are the winners and donors: In the Premier Potato Growers to dispose of the remaining small grade for seed purposes.

The Michigan Potato Growers

Frank Cuv of Peliston won permanent possession of the loving cup offered by the Michigan Farmer by will have this season.

This beam of the love this season.

This beam of the love this season.

The Tri-County-Polenhone com wa

won by Pearl Bonter for the best exhibit of Certified Seed Potatoes. This must be won three times for permanent possession.

Pearl Router won the 1000 pounds of Agrico fertilizer donated by the American Agricultural Chemical Company for the best exhibit of certi-Attan Taylor won 625 pounds of

The Petoskey News cup offered to the Junior sweepstakes champion for the first time this year was won by Carl Cetas of Peliston. . .

The Michigan Central Railroad cup to the Michigan Farmer gives a new to the Michigan Farmer gives the three to get this increased pro-the three three

The Michigan Farmer gives a new or-renewal-subscription to every exhibitor who won a premium.

The Albena News cup was won by Allan Taylor of Metze

WITH THE ADVERTISERS

The A. B. Farguhar Co. Limited of York, Pa., had a fine exhibit of Iron Age Machines at the Show, Mr. Bateman and Mr. Moyer were in

Exchange was at the show for a cou-ple of days. A. C. was secretary for seven years and had a lot to do with the development of the show

Wm "Billie" Rae of the Johannes-ning Mfg. Co., was at the show to look over the apples and potatoes vast areas of good otato land in Eastern Otsego Coun

The H. V. Potash Export My Incof Chicago.

The Hardie Mfg. Company of Hud-

The Boggs Mfg. Company of At-

The Dow Chemical Company of

These companies placed advertise tents with the show for this supple ment and we request your considera-tion in purchasing.

We also want to express out ap preciation to the:
Alpena Business Men.
Antrim County Coop. Ass'ns.
The Gaylord Lumber and Fuel Co

The Jordan Valley Coop, Creamery

The Otsego County Coop. Ass'z The Gaylord State Savings Bank The Boyne City Coop. Co. The Central Hotel, Gaylord.

Standard Potato Club Shows Value of Better Grading

(continued from page 1) Bin inspection will be made by the regular seed inspectors beginning about the last of October.

"Cooking tests will be made on each lot of seed that passes bin in-spection before stock is shipped out. "Regarding the disposal of stock ranging from 1% to 2% inches, which will be U. S. No. 1 Small, only that stock which-will grade out about 70 per cent Fancy as far as size is con-cerned will be considered, thereby cutting down on the amount of U. S. No. 1 small to be disposed of. The department does not favor the effort

Exchange will handle practically all of the Fancy stock this season."

"The lower four-fifth of the state will have no fancy stock for sale

The loving can affered to the wint to handle in the trucking area. Large ner in the county exhibit was won growers in the trucking area have by Presque County for the second expressed a willingues to ship Fancy limit in two veirs. "This Fancy grade will be difficult by Presque County for the second expressed a wingless and organisa time in two years. This must be went grades my car through an organisa three times for permanent possession. Itom. This grade cannot be profitably made by the grower of med vields. It will call for the use of the hest cultural practices, featuring the increasing of organic matter in the soil.

PRODUCTION AND DEMAND SET PRICE

Since 1895, there have been twentyane years when the average value per acre of Michigan pointoes was less than 1930-31. Some of the more recent years that the value was lower

"Why pay so much consideration to account?" We needs greater production of polatoes in Michigan am Five greater value per acre and botter

proper use of fertilizers, good seed seed treatment, proper planting, pro-per spraying and proper cultivation will do more than anything else to bring back to Michigan the markets

she once had.

High commodity prices seem rath. tices must be adjusted to meet these new low prices. Other states are doing it and we must do the same if we are to meet their competition."

TAL C. Lytle of the Potato-Growers Potato Grower Helps-Solve Large Problems

colony of bees, much labor was needed. Some of the bargains that were made for labor were as follows: One ton of alfalfa hay for six days work: six bushels of putatoes for one days labor: two gallons of honey—one day one cord of wood--one day. To We were sorry that the following companies cauld not have a representative present:

day, one cord of wood—one day. To date some 30 tons of aifalfa, nearly 1000 bushels of potatoes, one tou of hency and 35 cords of wood have been disposed of in this manner to say nothing of other smaller trades Very shortly 30 to 40 lambs and some old ewes will also be traded.

Such a set-up has not only provided labor for many needy families, but has also aided in disposing of much farm produce locally, and has been a great aid to Mr. Robinson in financing the summer seasons work.

More Than Half OF THE **Certified Seed Growers** IN THE Top O' Michigan sell their seed thru a **Grower Owned** Grower Controlled **Organization**

GETS Maximum Prices for a large Volume at-Minimum Costs, helps STABILIZE Michigan's Seed Market, and MAINTAIN close contact between Producer and Consumer.

That:

Michigan Potato Growers Exchange CADILLAC, MICHIGAN

SEVEN HUNDRED AND SIXTY-THREE EXHIBITS OF APPLES AND POTATOES VIE FOR HONORS AT ANNUAL SHOW

ounty.

nony-Surke.

Angevine.

Overholt.

Ward Pilley.

lames Bustey.

Emmet County.
5th -- East Jordan Potato Club.

Chartevoix County.

Std.—Alba Spud Growers, Antrin

7th - Petoskey Rotato Chib. Emmet

Best Potato Exhibit Within Each

er 2nd, Clars Warner; 3rd, Sum er Allis

171 Adres Vento Chie 181, Mei-

3rd, Maurice Olund.

Lurké Lake Potaté Club; 2st, Carl
Cetas: 2nd, Frank Chronicz; 3rd, An-

Sod Busters Potato Ciub: 1st.

jrd, Ernest Stoneburner. East Jordan Potato Club: 1st.

iwendon Hott; 2nd, Afbert Omland;

3rd, Ralph Shepard Alba Potato Club: -1st, Stephen

Wing: 2nd, Carl Larsen; 3rd, Lloyd

Petoskey Potato Club: 1st, Kendall ord: 2nd, Henry LaGrand; 3rd, John

Straits Potato Club: 1st, Leon Reed; 2nd, Martin Overholt; 3rd-Lee

Wolverine Potato Club: 1st, Wil-ired Brudy; 2nd, James Bolinger; 3rd.

Bernard Jakubiak; 2nd. John Adam-

Mancelona High School: 1st, Dale Arnold; 2nd, Walter Dolozel; 3rd,

Harbor Springs High School: 1st, Albert Cetas: 2nd, Orland Rose; 3rd, Henry Heynig.

Boyne Falls High School: 1st, Albert Lange; 2nd, Wm. Lick; 3rd, Harold Howard.

Bellaira High School: 4st. Gordon

Bedell; 2nd, George Sigles; 3rd, Ford

Alanson High School: 1st. Emery

In the individual class of Russet Rurals in the Junior-Division the for-

lowing were winners: 1st. Cart

Cetas, Petoskey; 2nd, Albert Cetas, Petoskey; 3rd, Ray Warner, Gaylord; 11h, Gwendon Hott, East Jordan; 5th

Arthur Estelle, Gaylord: 6th, Mel-

ford Shaff, Gaylord, 7th, Frank Chronicz, Peliston, 8th, Steven Wing, Alba; 9th, Wilfred Brudy, Wolver-

ine; 10th Bernard Jakubiak, Alpens

(continued from page 1)

sprouted.
The potatoes were planted 4 inches deep, spaced 14 inches apart in rows
33 inches apart.
They were cultivated once before

coming up, and through the season

as required. The last cultivation was July 4th. They were sprayed seven times—at—a pressure—of—250—to 200 pounds, with an 8-8-100 Bordsaux

They were barvested early to pre-

were carefully regued for

Chicago Show Trip

Stephen Wing Wins

Niholson Hill Potato

ski; 3rd, Franklin Diemond.

Glub Hayes Pointo Club: 1st, Ray War-

(continued from page 1)
2nd r. B. Gliaspie, Cheboygan,
3rd W. J. Dewey and Sod, Bellaire
4th. Douglas Tibbets, Boyne City,
5th. F. W. Crowi, Harbor Springs 6th Evelyn Orchards, East Jordan

Ist Homer Waring. 2nd P. B. Glaspie.

Ard. Evelyn Orchards.

4th Douglas Tibbits.

5th F. W. Crowl.

Wealthy Wealthy

1st. P. B. Gilasple. 2nd. Douglas Tibbets. 3rd. F. W. Crowl. 4th. Everyn Orchards.

13t. P. B. Ciliaspie.
2nd. Wilber Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. A. Smilowski, Gaylord.
5th. Evelyn Orchadre, East Jordan
6th. M. Smilowski, Gaylord. Northern Spy

1st. Homer Waring. 2nd. P. B. Gilaspie. 3rd W. J. Dewey and So 4th. Evelyn Orchards. 5th. Douglas Tibbets. 6th. Martin Hansen, Kewadin. N. W. Greening
1st. W. J. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Frank Crowl.

Wagener 1st. W. J. Dewey an 1st. W. J. Dewey and Son. 2nd. Martin Hansen. 3rd. Douglas Tibbets. 4th. Evelyn Orchards.

5th. Paul Vescley, Peliston 6th. Homer Waring. Golden Russet 1st. Homer Waring. 2nd. Evelyn Orchards, 3rd. F. W. Crowl. 4th. Douglas Tibbets.

Grimes Golder 1st. F. B. Glaspie. 2nd Evelyn Orchards 3rd. Homer Waring. 4th. Douglas Tibbets.
5th. Frank Hemstreet.
6th. Frank Zerby, Petoskey. Jonathans Evelyn Orchards. P. B. Gilaspie

3rd. Dewey and Son 4th. F. W. Crowl. 5th, Frank Hemstreet 6th. Squires Ochards, Kalkaska Starks Delicious

1st. Homer Waring. 2nd. Evelyn Orchards. 4th. Frank Crowe Any Other Variety Homer Waring, P. B. Gilaspie tile Homer Waring Joe Holzschu, Petoskey

Apples (Plates) 1st Homer Waring 31d Geo. Hansen **\$**⊓ew

1st. F. W. Crowl. 2nd, Douglas Tabbets, 3rd, John Wieland, Ellsworth, Wealthy

1st. Douglas Tildicis. 2nd. P. B. Gilaspic. 3rd. Evelyn Orchards.

Wolf River 1st Douglas Tiblicia 2nd P. B. Gilaspic. .3rd. Harry Lenah Springs.

Northern Spy 1st. Homer Waring. 2nd. P. B. Gilaspie. 3rd. Douglas Tibbits. N. W. Greening 1st. Dewey and Son. 2nd, Frank Crowl.

3rd. Frank Zerby. Wagener 1st. Dewey and Son. 2nd. Douglas Tibbets. 3rd. P. B. Gilaspie.

1st. Evelyn Orchards ard. F. W. Crowl Grimes Golden

1st. Frank Hemstreet. 2nd. P. B. Gilaspie. 3rd. Douglas Tibbets

Jonathan 1st P. B. Gilaspie. 2nd. W. J. Dewey. 3rd. Evelyn Orchards. Starks Delicious

1st. Evelyn Orchards. 2nd. Homer Waring. 3rd. F. W. Growl.

Any Other Variety
1st. Homer Waring.
2nd, Evelyn Orchards,
3rd Doubles There 3rd. Douglas Tabbets. Bushels

1st. Homer Waring.
2nd. Wilber Spidle, East Jordan.
3rd. Douglas Tibbets. 4th, Evelyn Orchards P. B. Gilaspie. Squires Orchards 7th. Douglas Tibbets.

8th. Douglas Tibbets, 9th. Homer Waring, 10th. Squires Orchards. Collection of 50 Apples 1st. Dewey and Sons. 2nd. Evelyn Orchards

3rd. Homer Waring. 4th. Douglas Tibbets Best apple was won by Douglas Fancy Pack Apples tat. Homer Waring

2nd. Douglas Tibbets 3rd. Martin Hansen. 4th, Evelyn Orchards 5th. Frank Hemstreet

JUNIOR DEPARTMENT 4-M Clubs 1st—Hayes Potato Club, Otsego

County. | 2nd—Five Lakes Potato Club, Ob sego County. 3rd—Larks Lake Potato Club, Em met County.

tertilizer per acre.

He secured a total yield of 278 WAS BIG SUCCESS bushels with 201 bushels of No. 1

Allowing sixty-six cents for certified this year and sighteen cents for table stock he showed a net profit

of \$49.61 per acre.
With potato growers like this consing along the "old-timers" will have to pick up or get out.

Alfalfa Seed Joins Potatoes and Apples In Show Competition

(continued from page 1 2nd, Lymon Sutton, Curran; Brd, Ar-thur Calloway, Harrisville; 4th. Roy Elroth, Harrisville.

Mr. Ostrander also won the silver inving cup offered by the Cheboygan Daily Tribune for the sweepstakes in alfalfa seed. This cup must be won three times for permanent posses-sion. It was first offered in 1930 and

won by Albert Dietz of Hawks. The State Department of Agriculture was represented by Mr. A. J. Harrington and Mr. Wm. McGivery who had charge of an education exhibit on proper grading of potatoes Three piles of potatoes showed the grades for U. S. No. 1; U. S. No. 2 and culls. Mr. Harrington and Mr. McGlivery were busy all the time discussing standard grades with the farmers.

The exhibit of the Michigan State College featured quality potatoes through proper planting, fertilizing, headling and storing. Particular em-phasis was placed on care to prevent frost injury. R. C. Heyduck was in

Philo Gliaspie of the Orchard Beach Farm at Cheboygan, gave the association his annual barrel of cider which proved appetizing to the Thurs-Onaway High School: 1st, Glen day visitors. Come again Philo. We first place in the apple pie-baking Lound; 2nd; Earl Savage; 3rd, Donna appreciate this gift and thank you. | contest among 40 exhibitors.

tertilized with 400 pounds of 4-8-8 ANNUAL BANQUET

(continued from page 1)
Other speakers who talked briefly
included, Miss Francis Garvey of the Alpens News, John Tucker of Ottawa. Canada, who judged the potatoes, J. J. Bird of the Michigan State College. E. J. Leanhouts of the New York Central Lines.

The Gaylord High School band was present in bright new uniforms that were first used at the banquet. The new uniforms must have inspired them for they played mighty well under the direction of Walter Non instructor of Orchestration at Gaylord Hig School, Mr. Noa also rendered several violin solos that were very much enjoyed

Two vocal soloist kept the audie in continuous applause. Fred Arnold of the Tri-County Telephone Com-pany at Gaylord, sang two selections and Richard H. Trojan of Logansport, Indians, could not sing enough tenor for the crowd. His well-trained tenor voice carried well in the dining hall where the acquistics are not the best. Mr. Trojan is a pesonal friend and schoolmate of Mr. Gehrke, President of the Show. He sings regularly over W O W O at Fort Wayne. He was

accompanied at the piano by Karl Atkinson of Chicago. Following the program the winners at the show were announced and

special awards made.

The banquet ended promptly at 10:00 P. M. as predicted by the tossimäster.

The show received visitors from five states outside Michigan as folowa: New York, Pennsylvania, Ohio, Indiana, Illinois. Canada was also

represented.
Richard Trojan, singer over radio station WOWO, Fort Wayne, Indiana, was very popular at the banquet. His voice was very pleasing. He was ac-companied by Mr. Karl Atkinson.

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